

Fig. 1

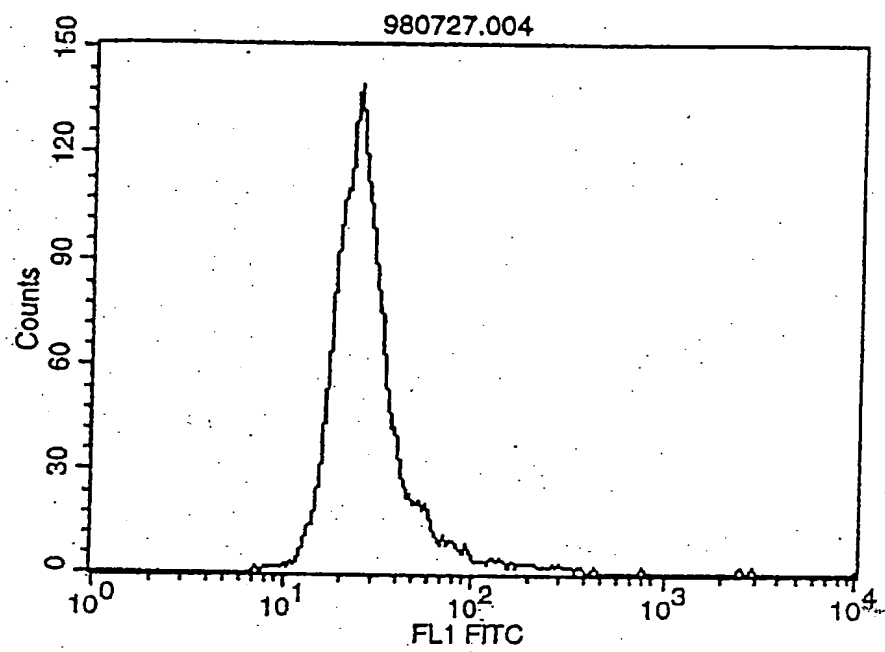


Fig. 2

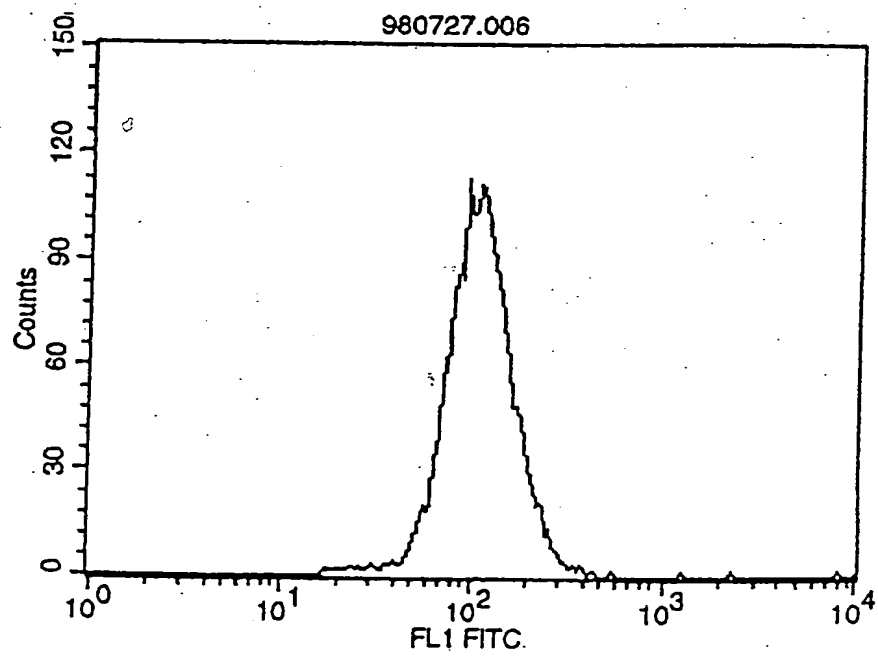


Fig. 3

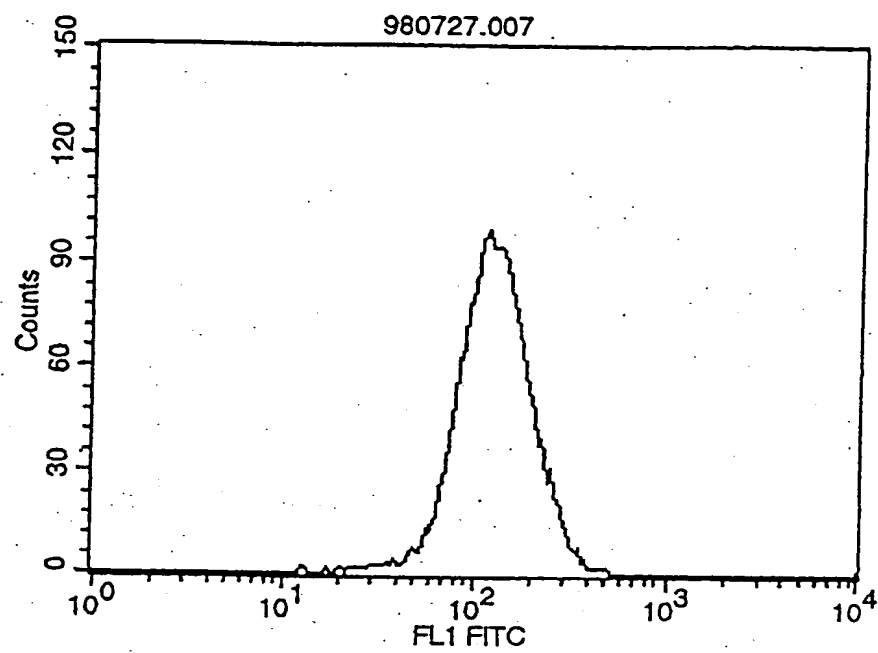


Fig. 4

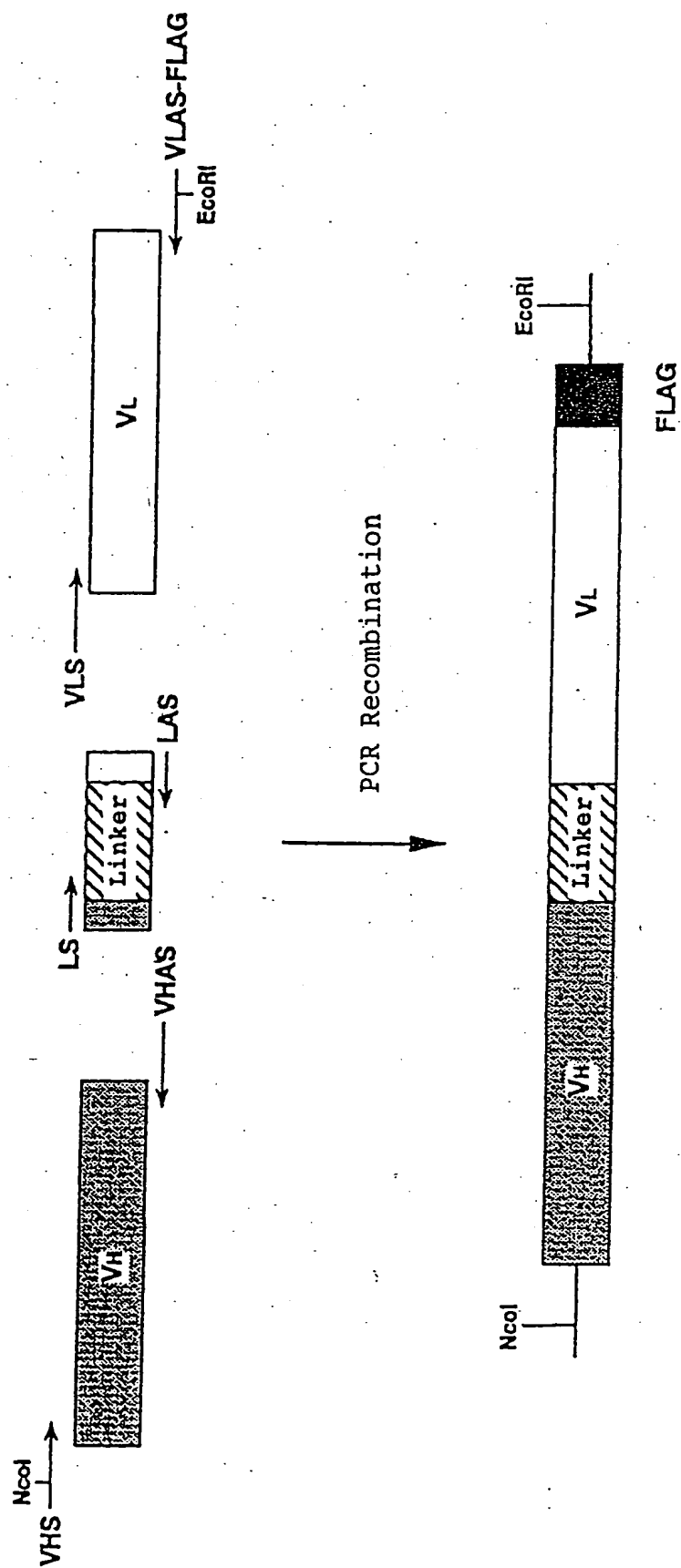


Fig. 5

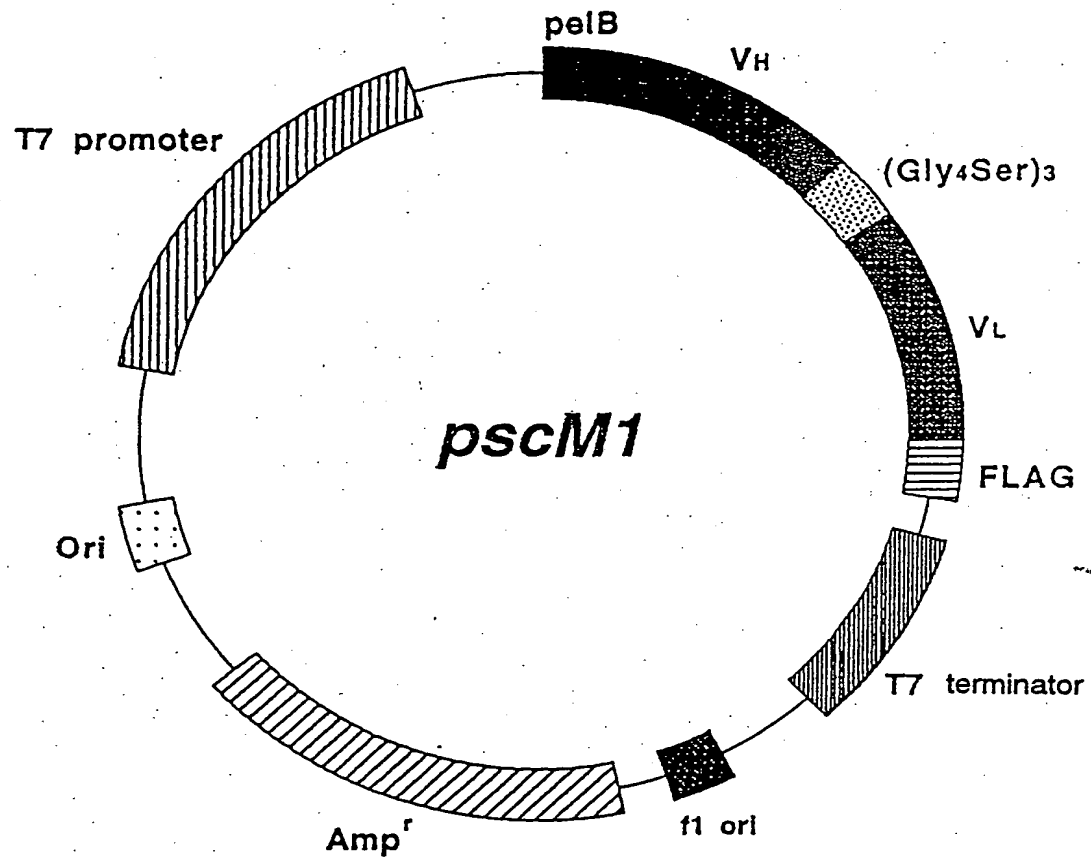


Fig. 6

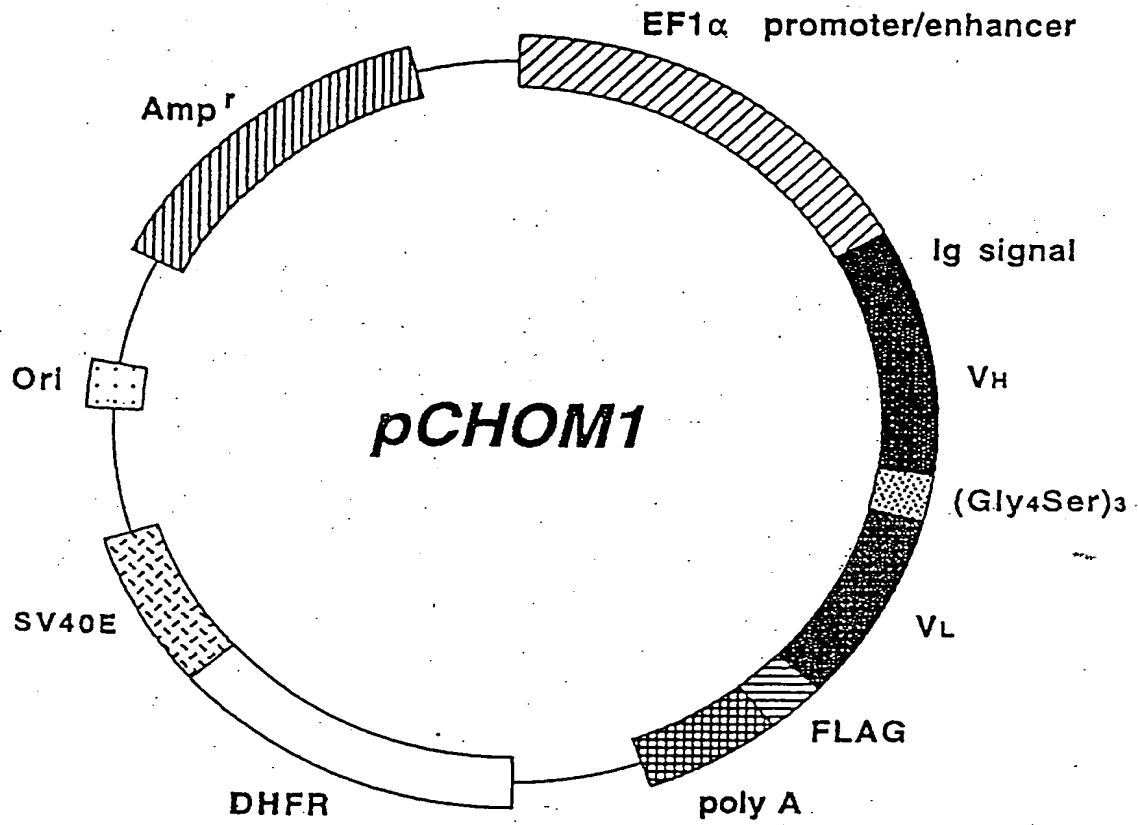


Fig. 7

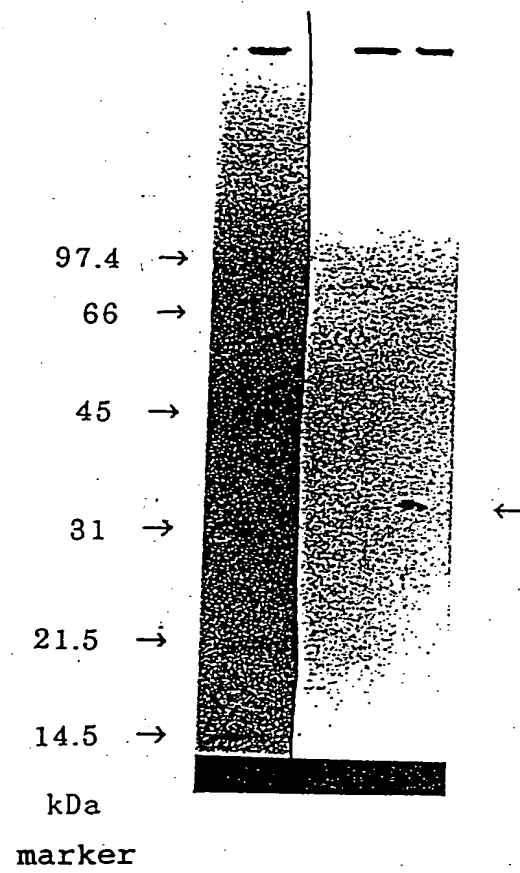


Fig. 8

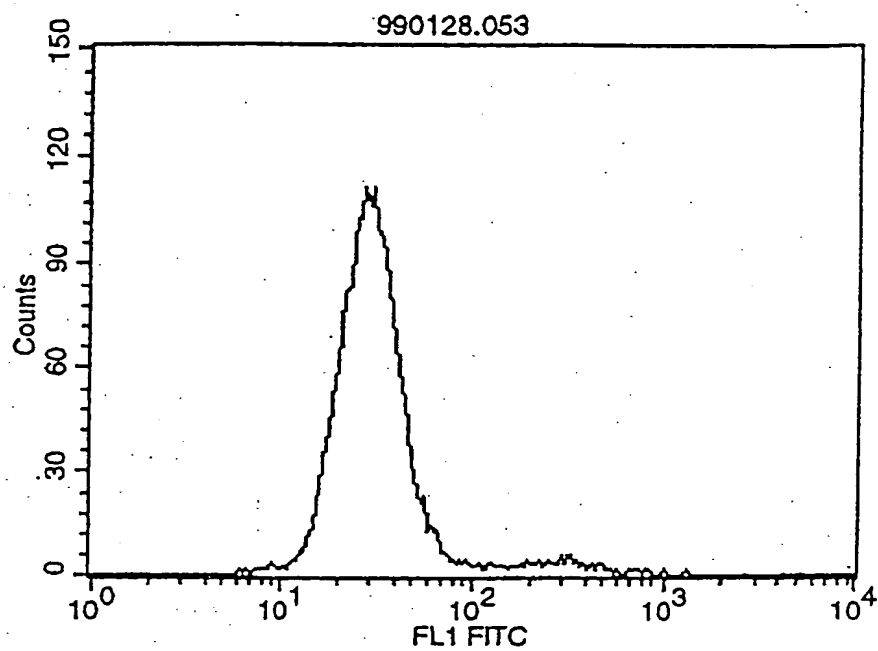


Fig. 9

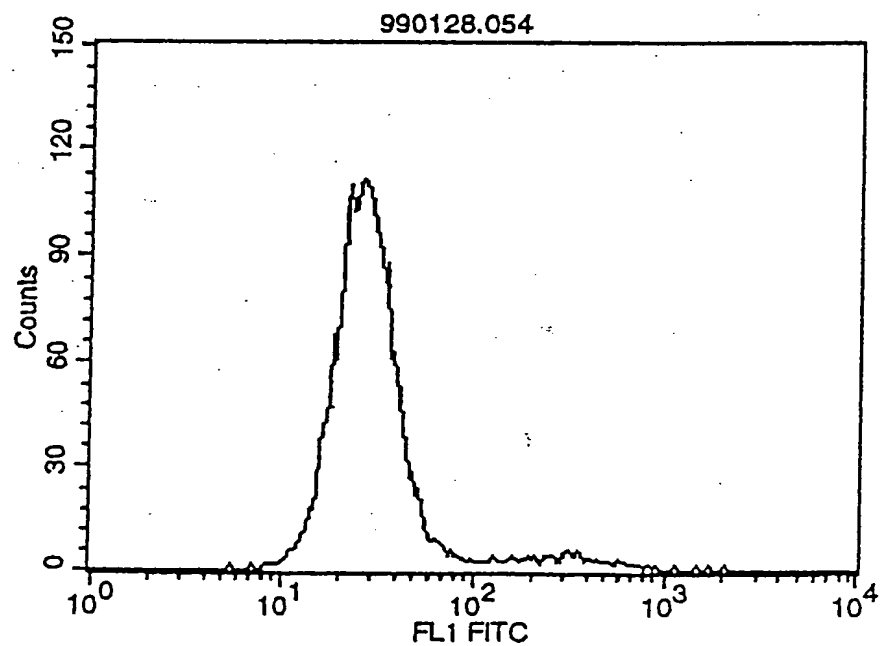


Fig. 10

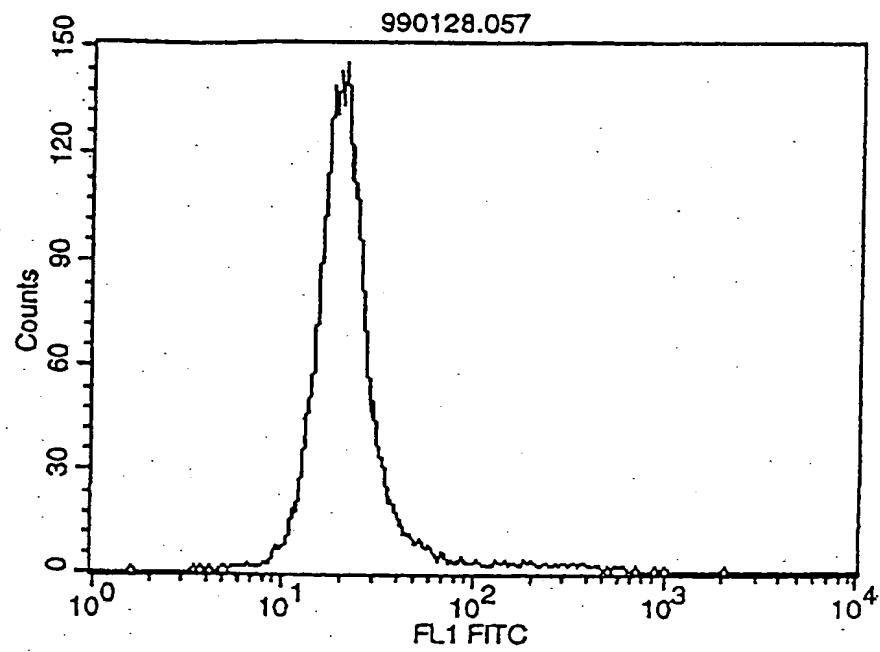


Fig. 11

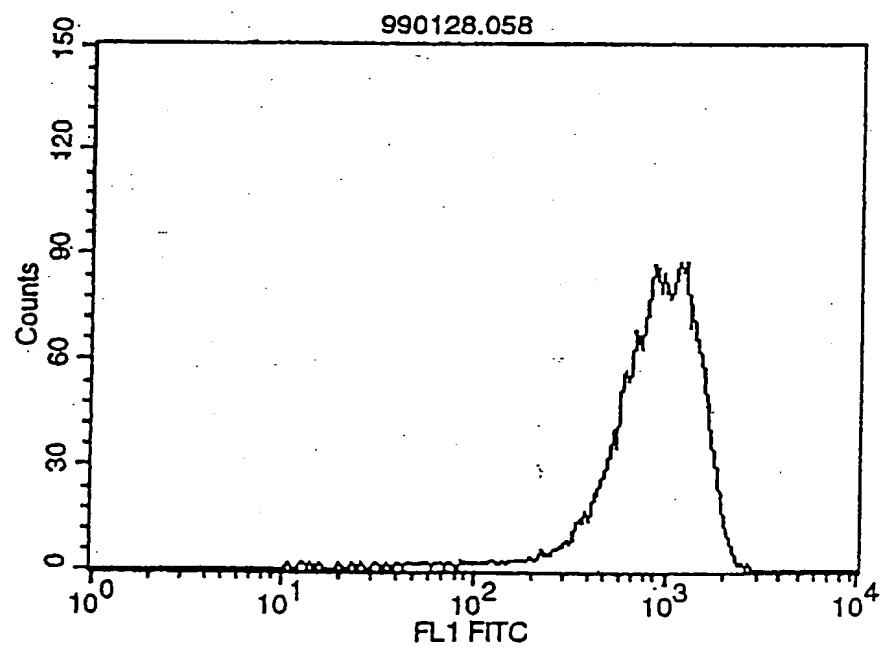


Fig. 12

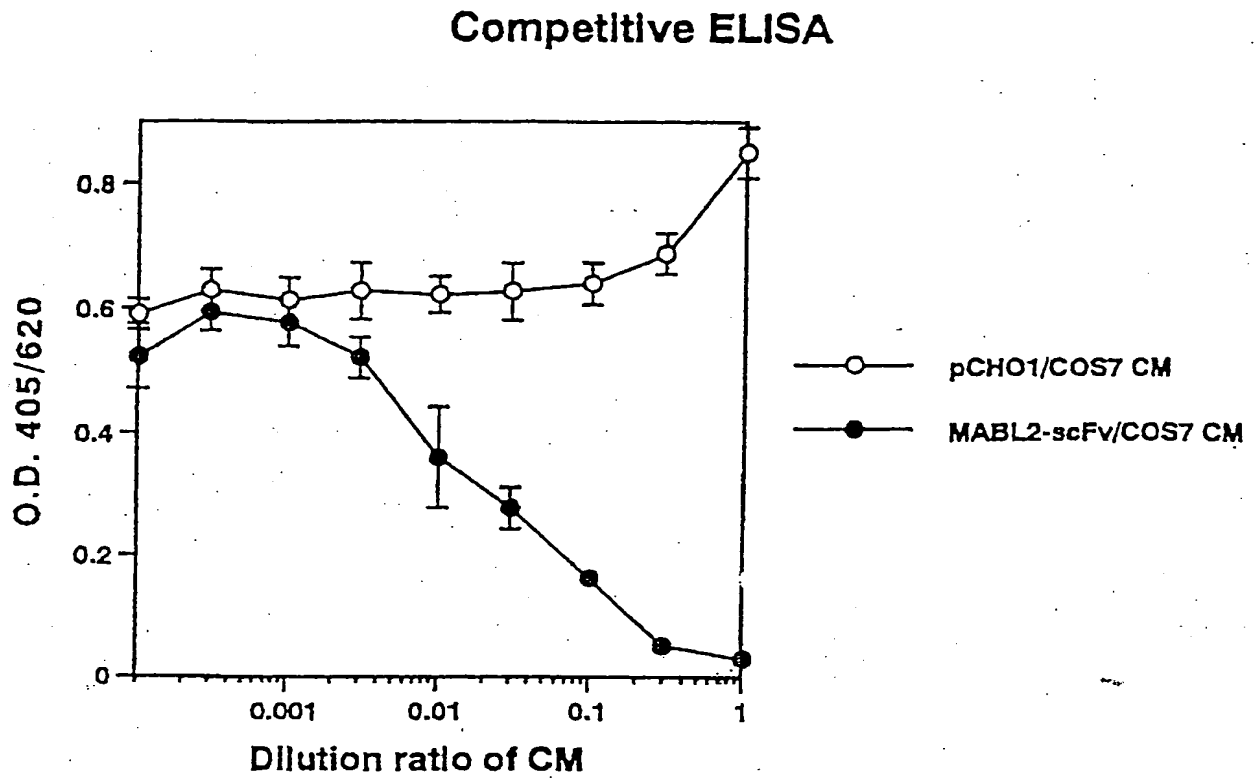


Fig. 13

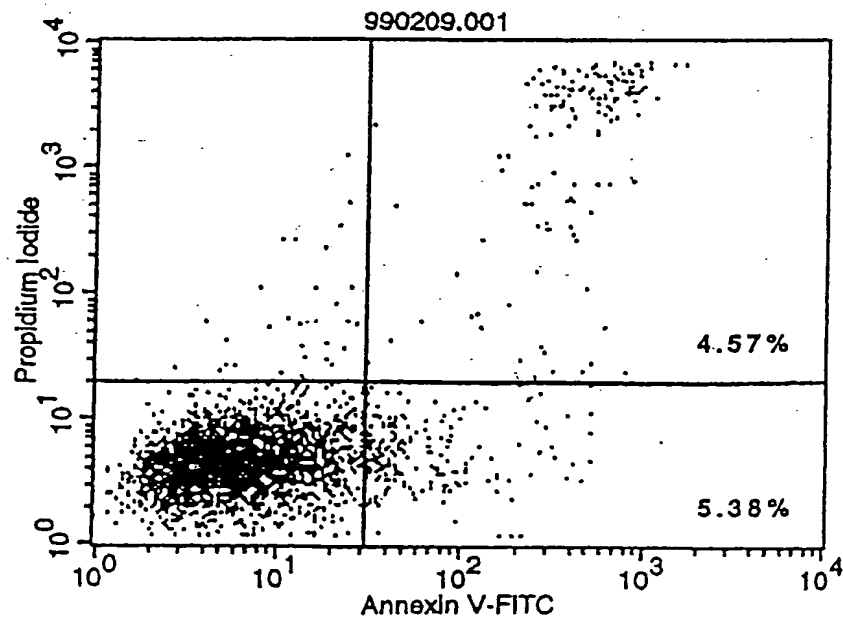


Fig. 14

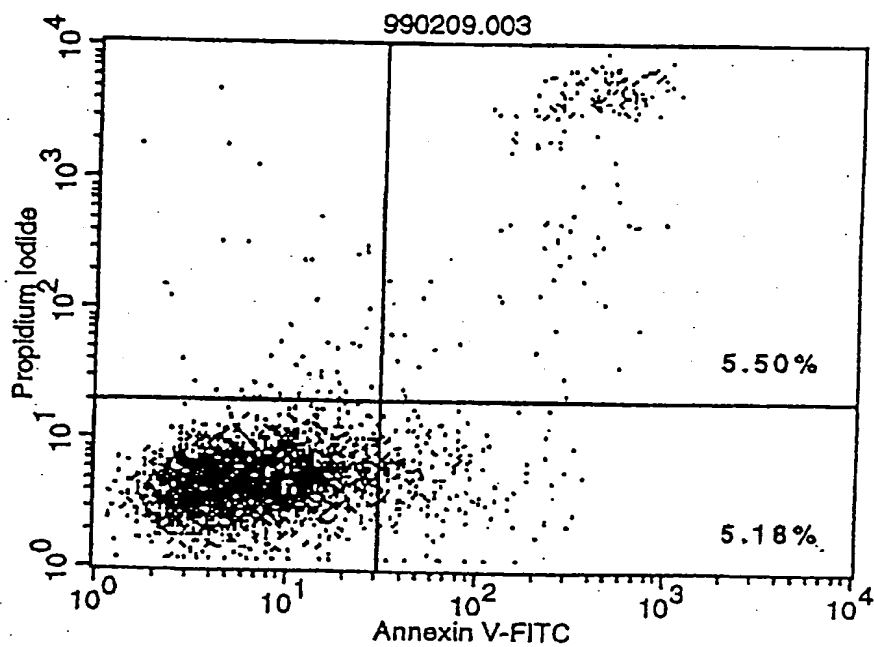


Fig. 15

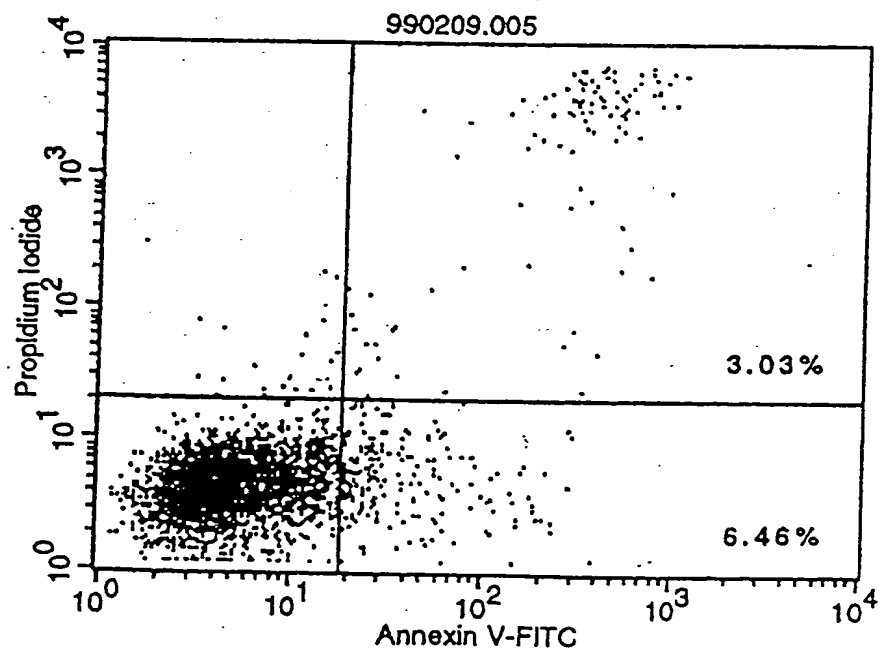


Fig. 16

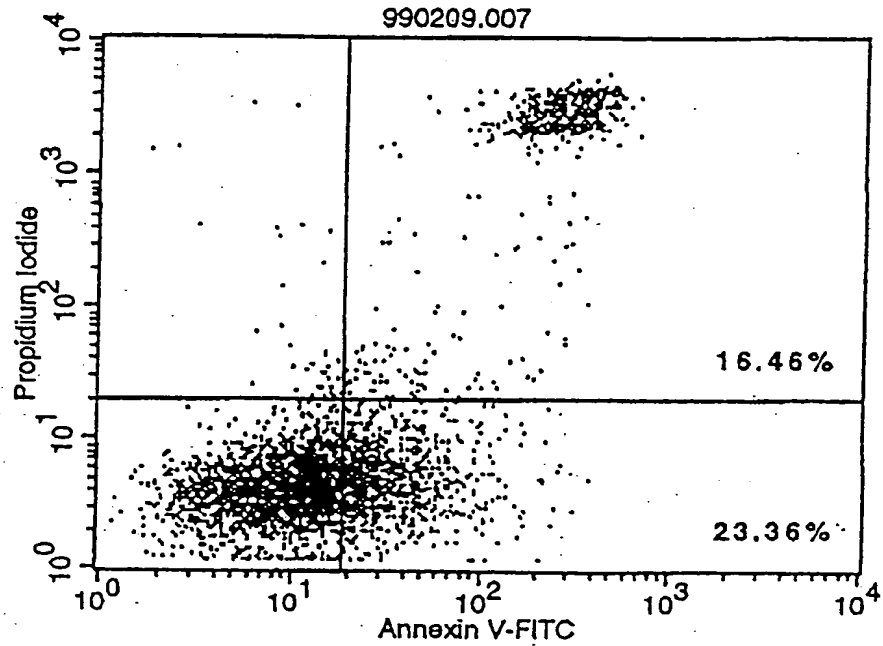
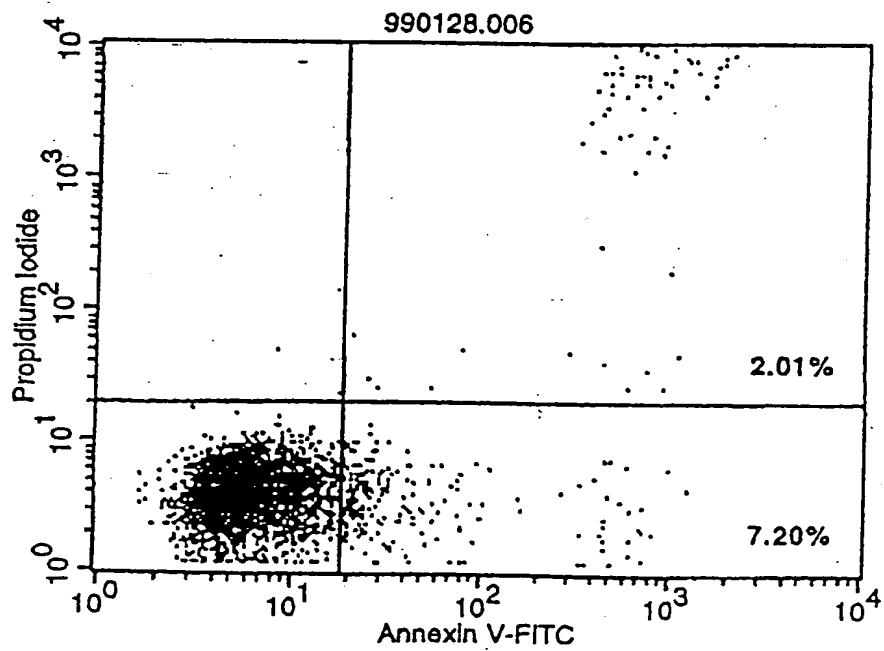


Fig. 17



12/43

Fig. 18

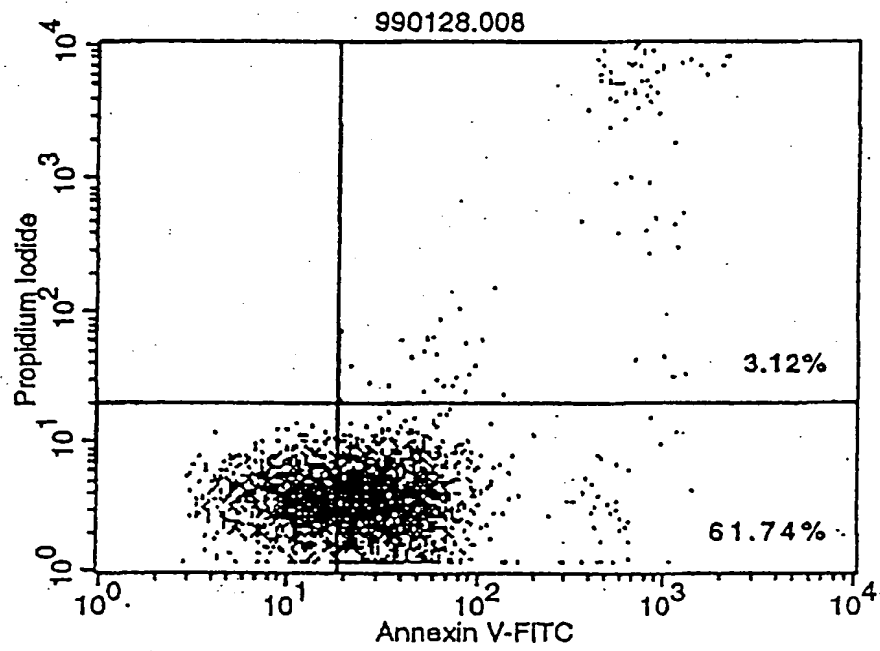


Fig. 19

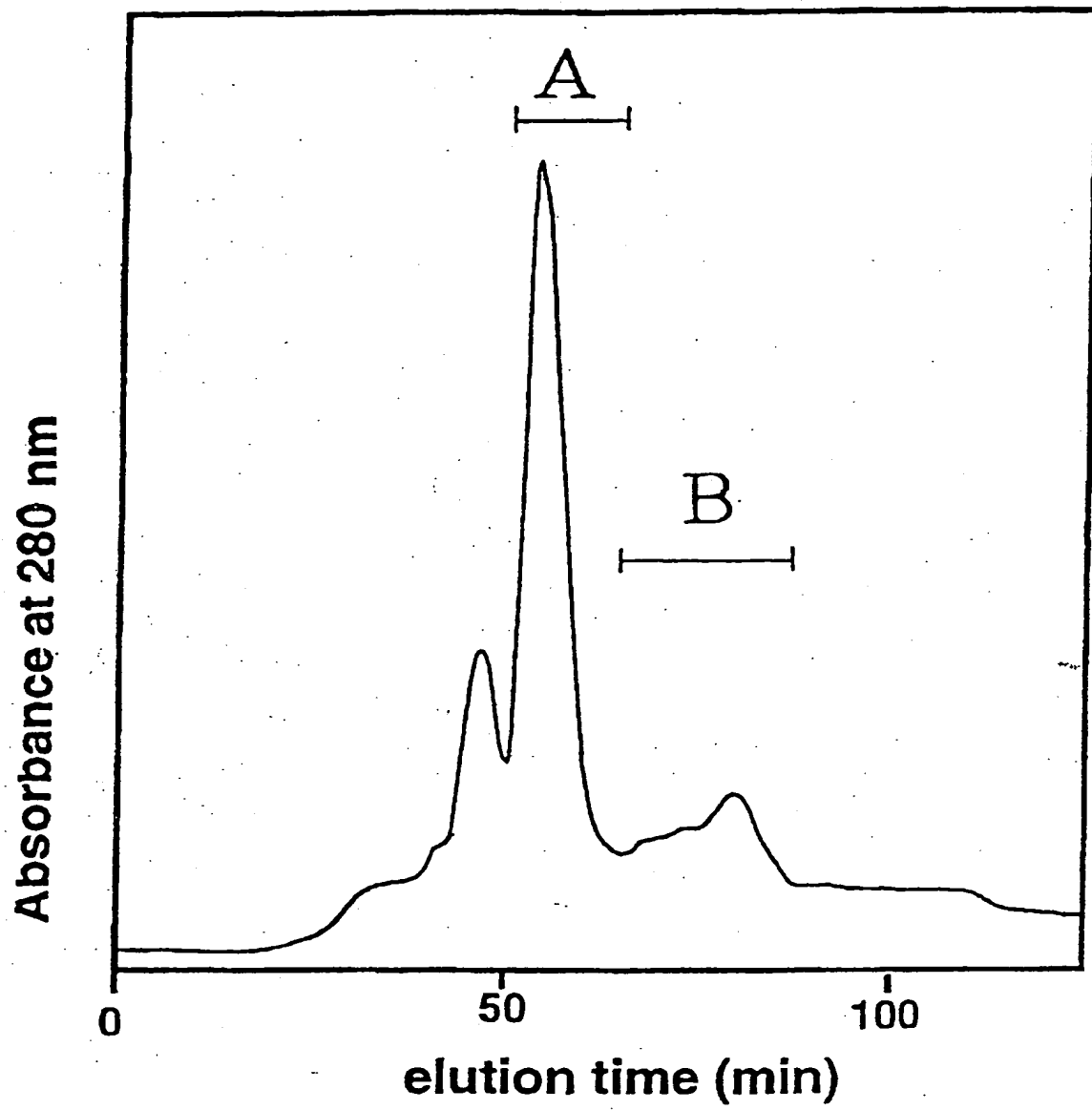


Fig. 20

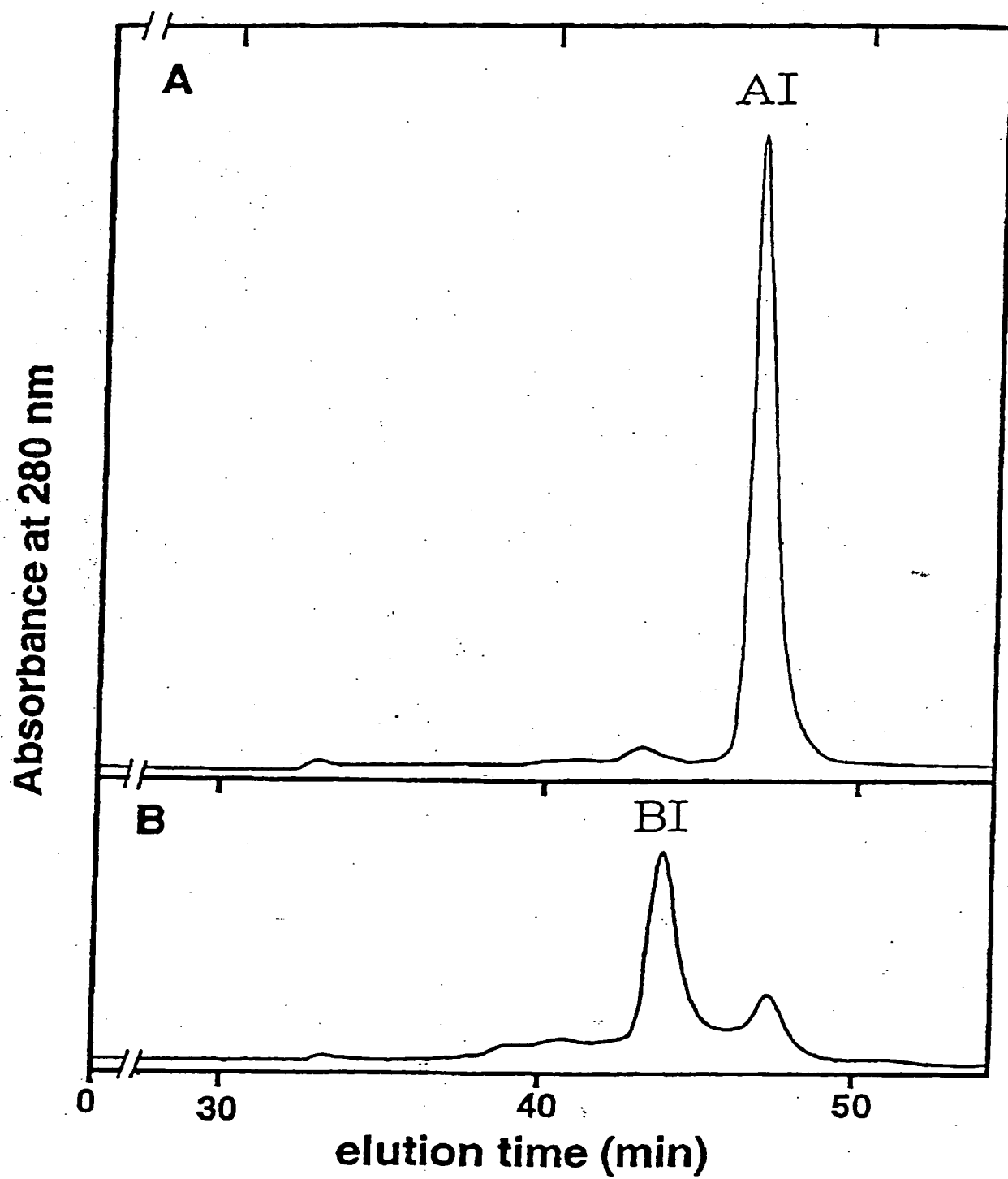


Fig. 21

SDS-PAGE analysis of MABL2-scFv

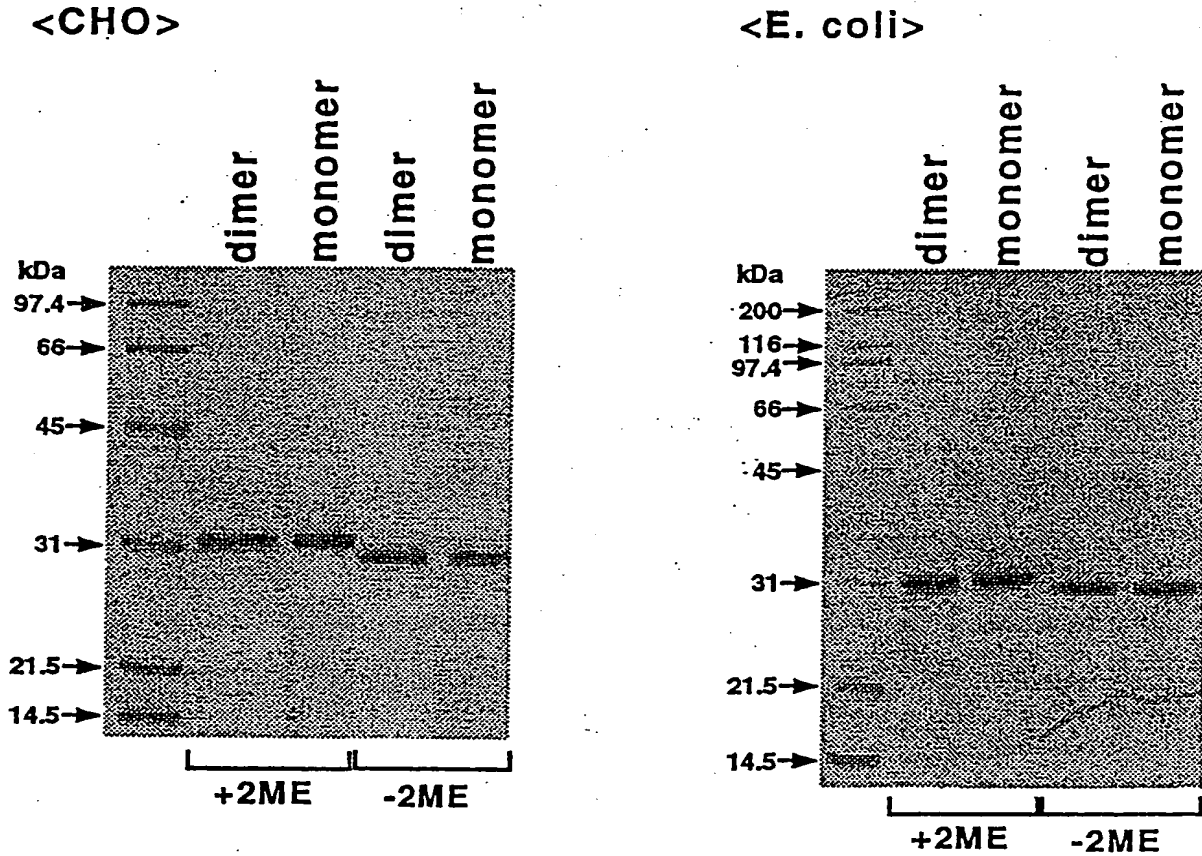


Fig. 22

16/43

TSK gel G3000SW

20 mM Acetate buffer, 0.15 M NaCl, pH 6.0

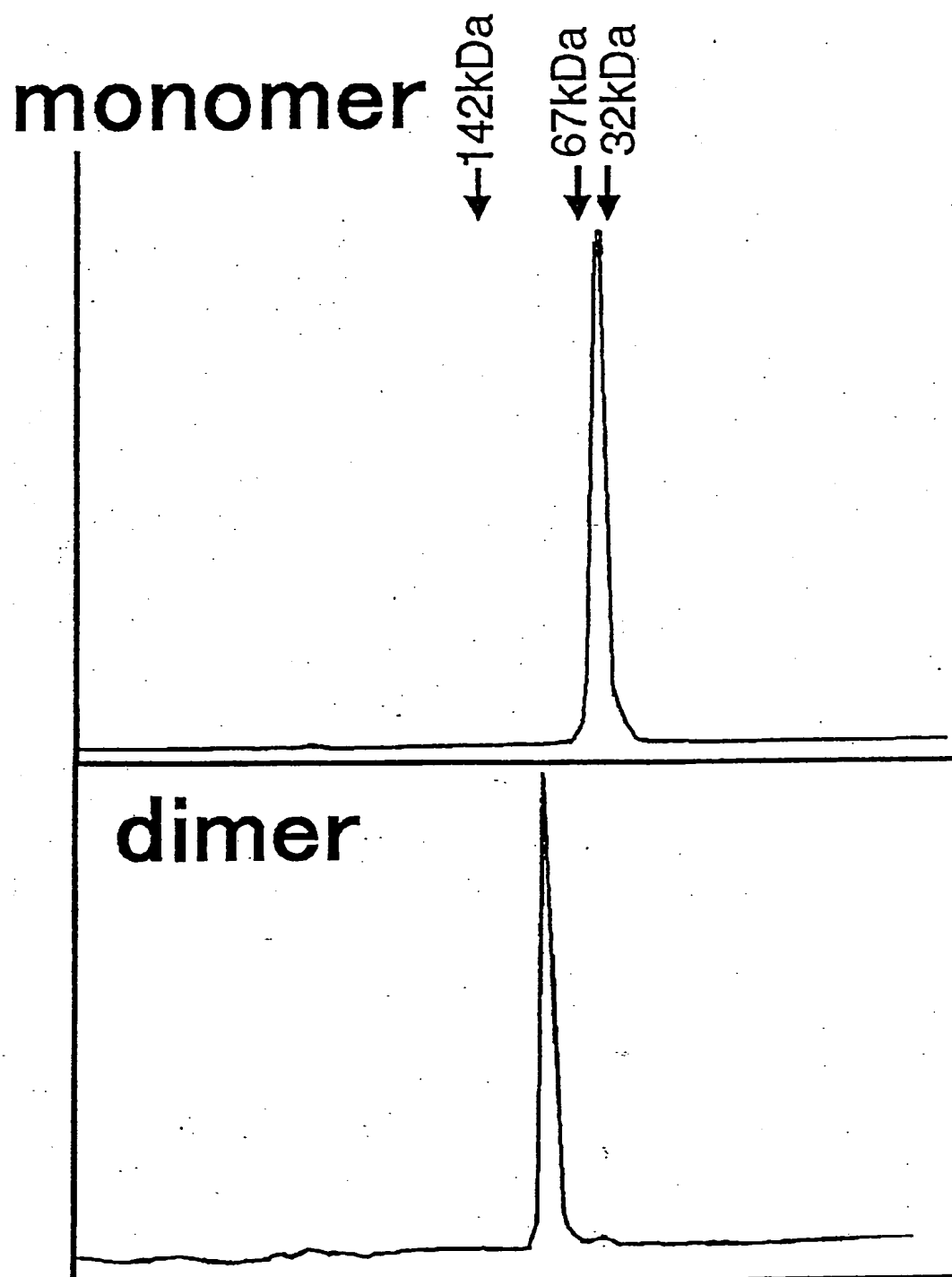


Fig. 23

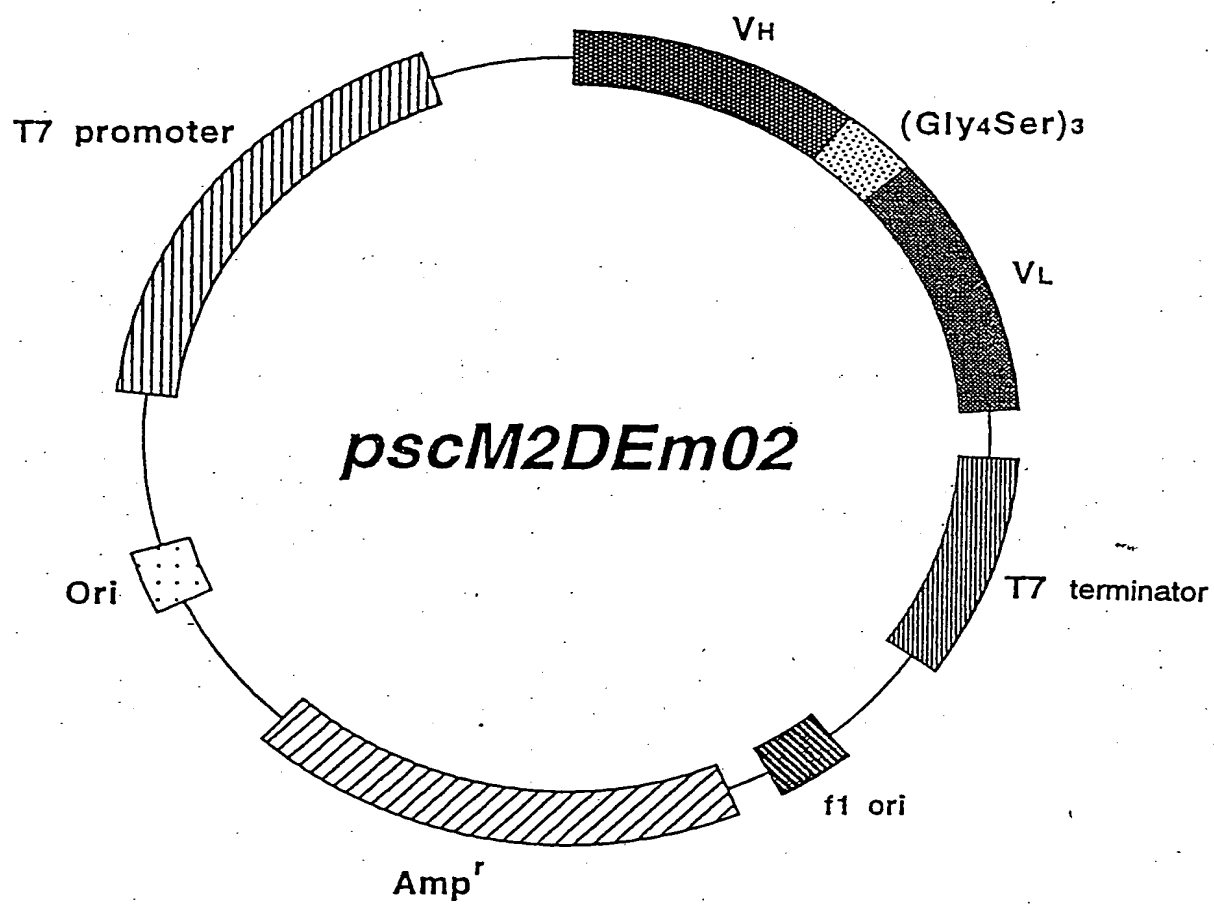


Fig. 24

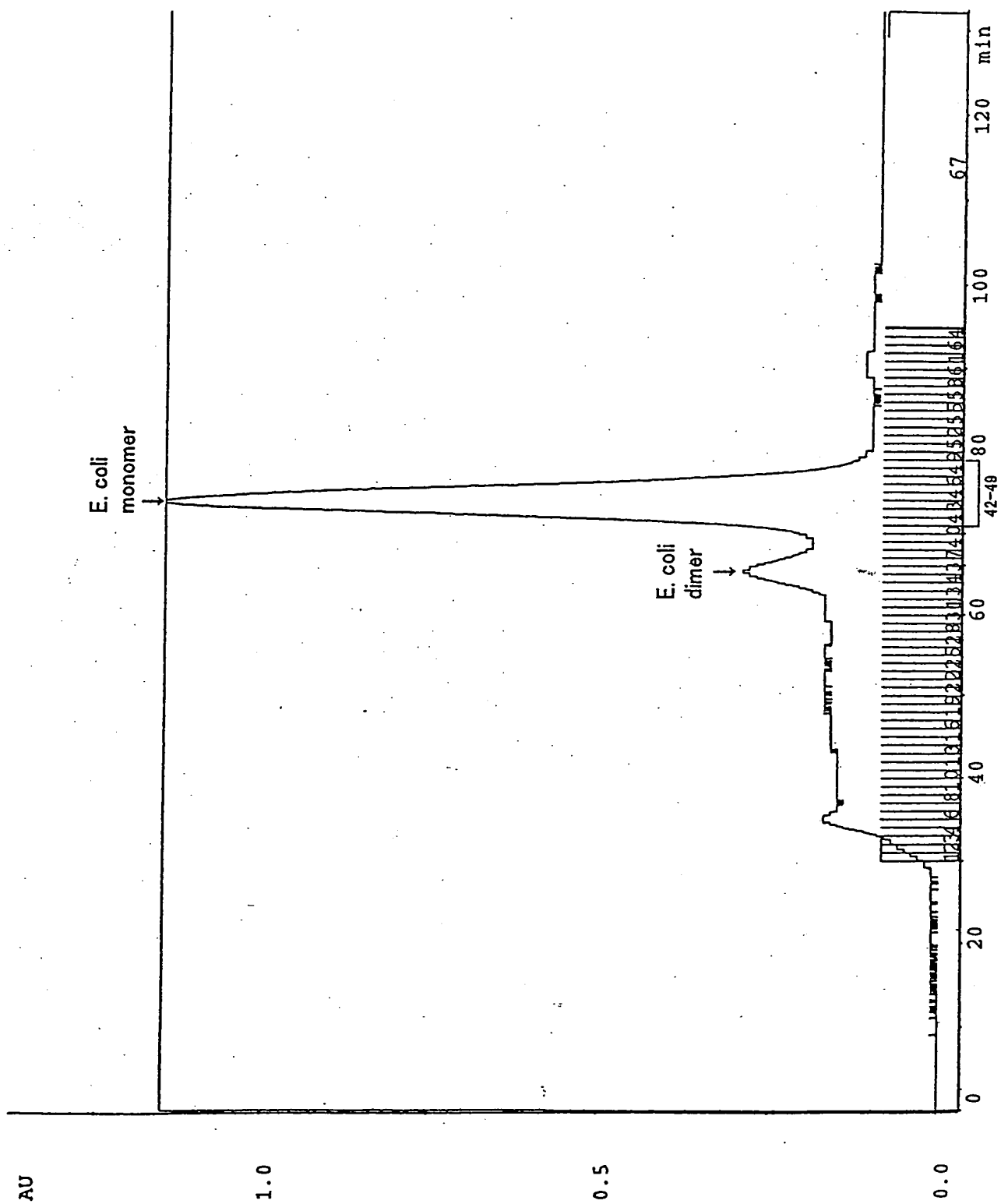


Fig. 25

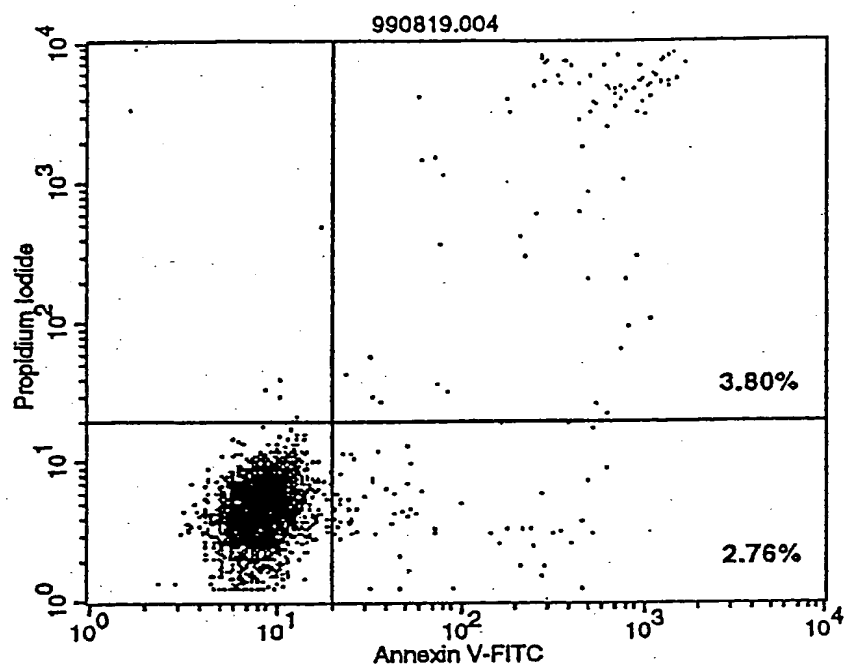


Fig. 26

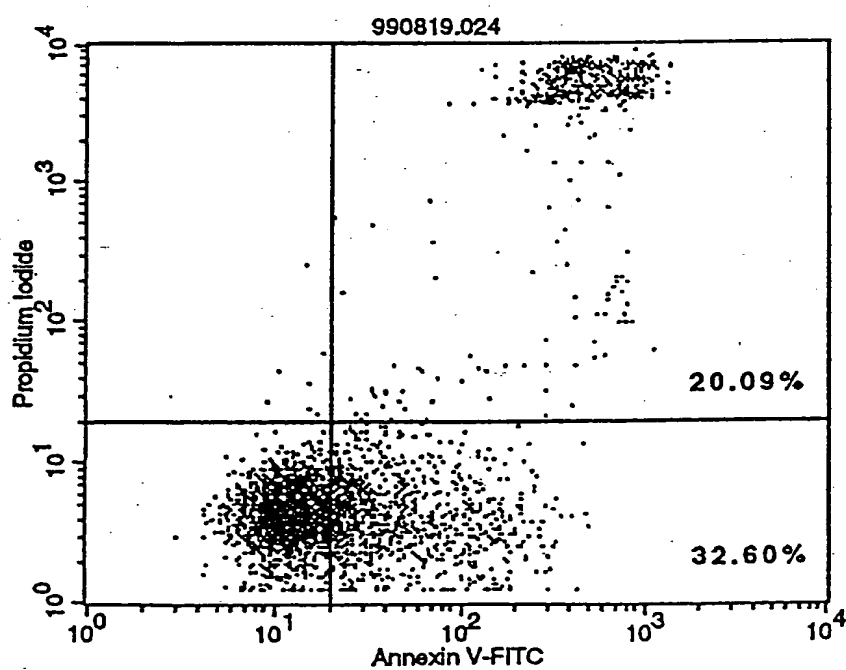


Fig. 27

20/43

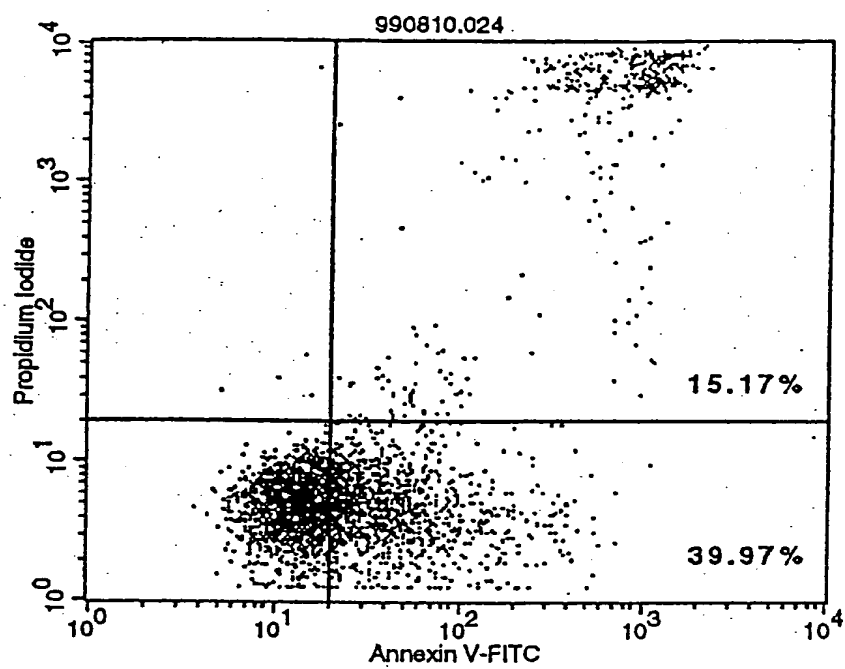


Fig. 28

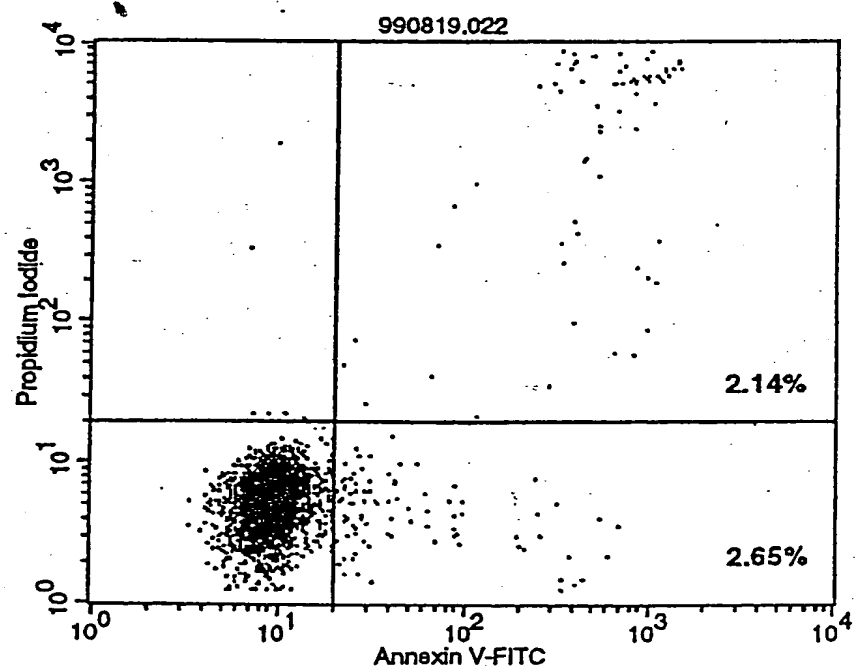
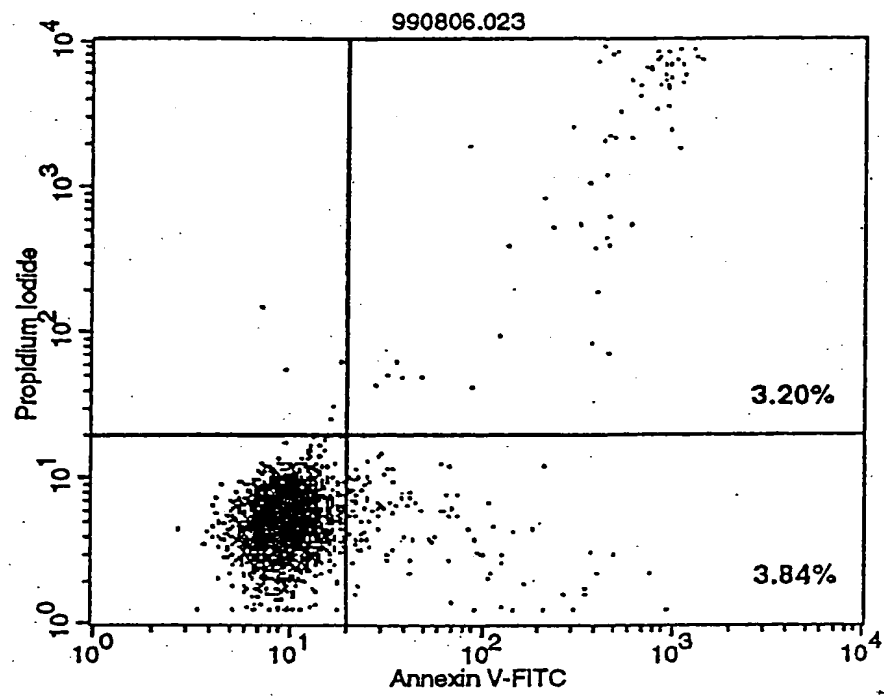


Fig. 29



22/43

Fig. 30

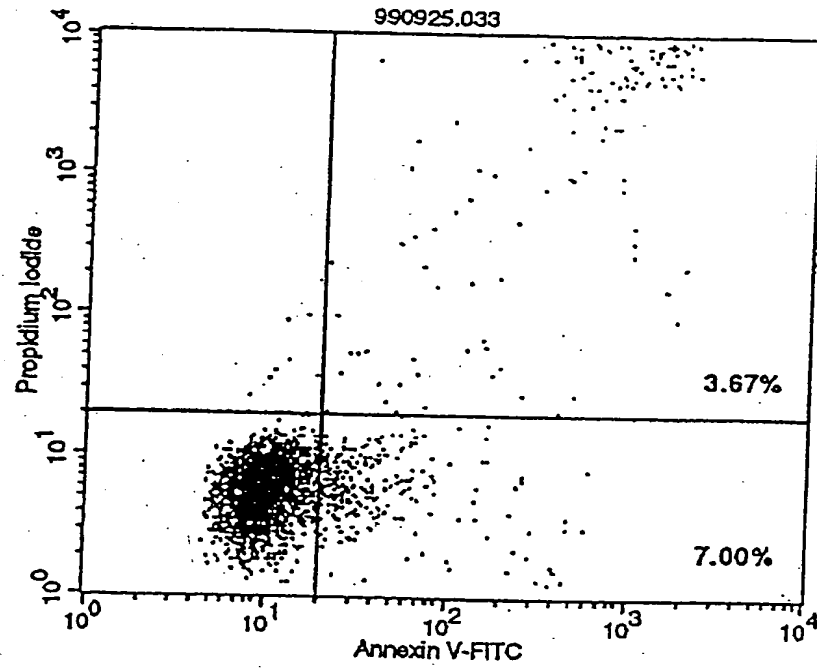


Fig. 31

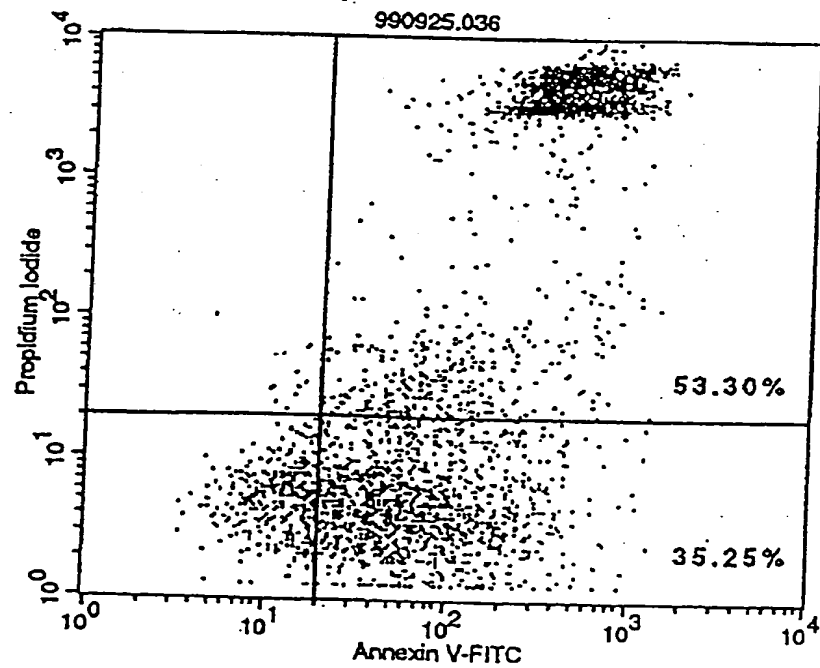


Fig. 32

*Effect of MABL-2 (scFv) on serum hlgG
in KPMM2 i.v. SCID mice*

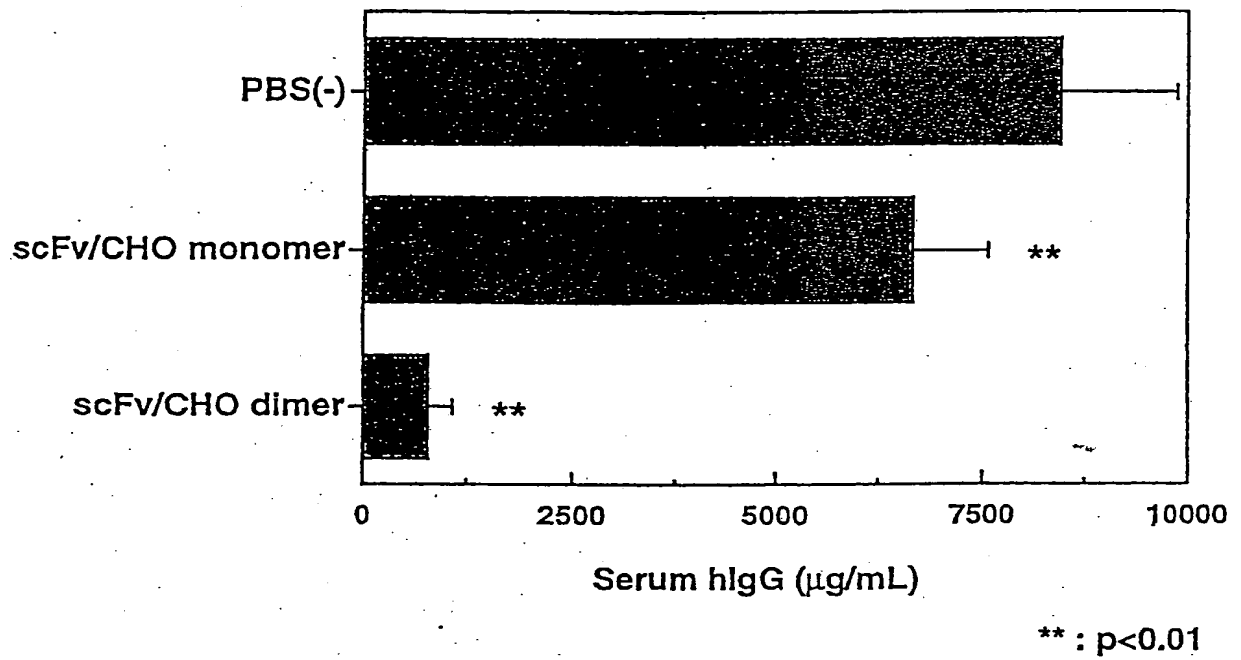
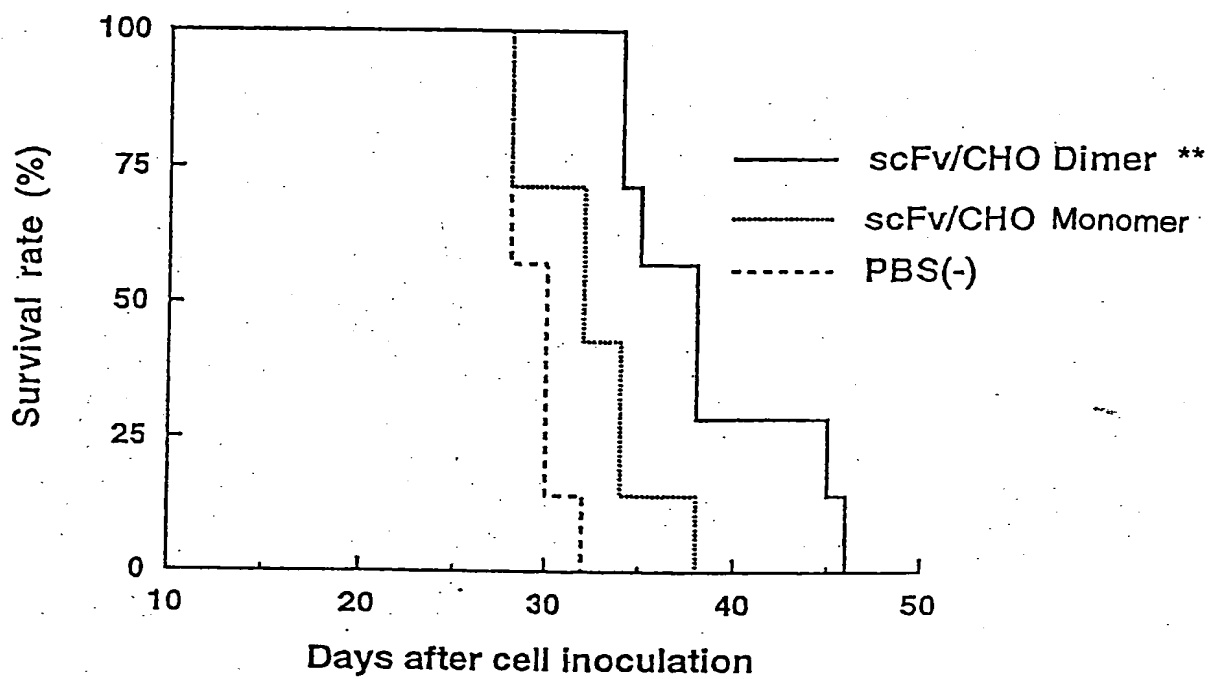


Fig. 33

*Effect of MABL-2 (scFv) on survival
of KPMM2 i.v. SCID mice*



** ; $P < 0.01$ by t-test

Fig. 34

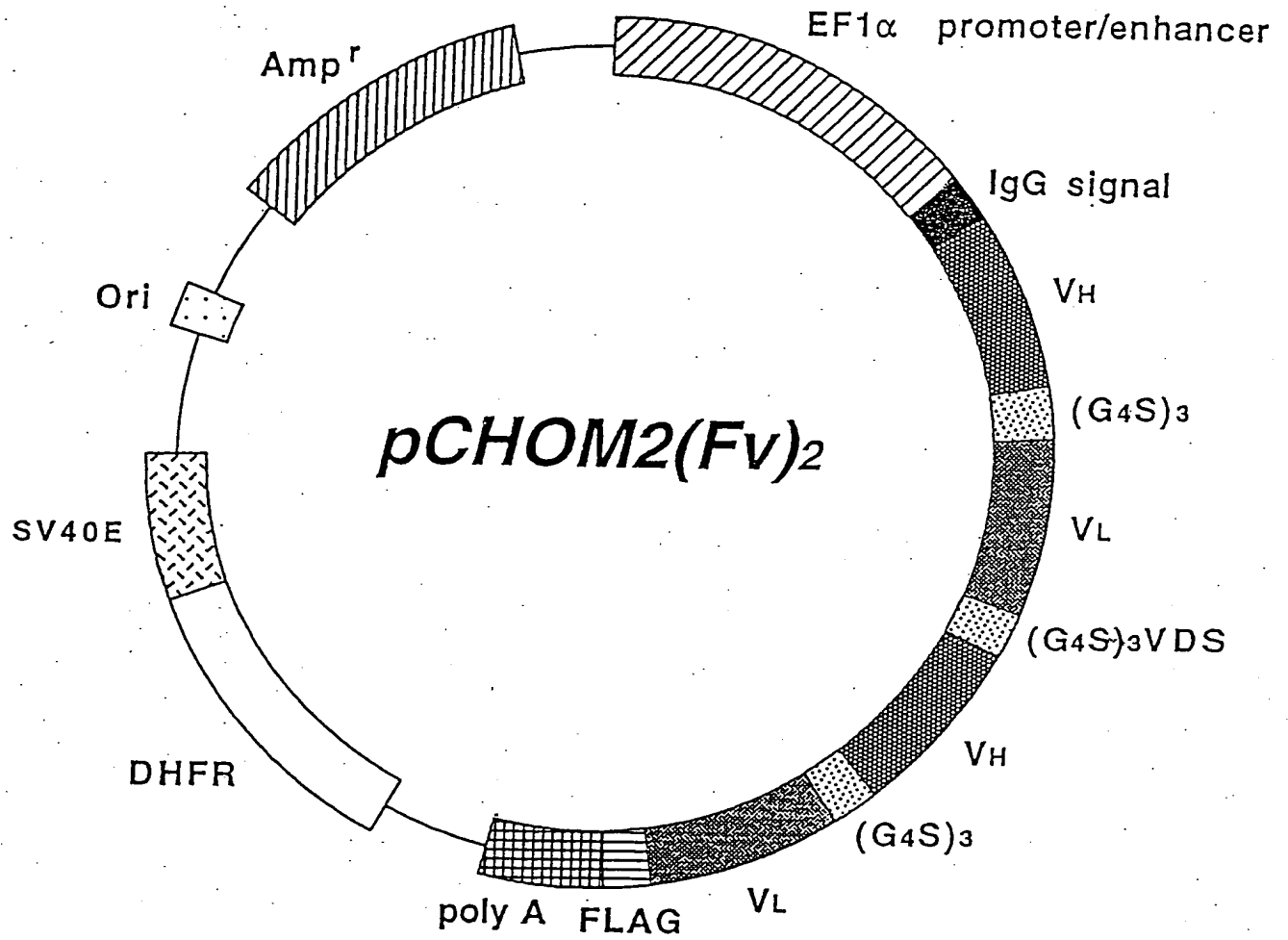


Fig. 35

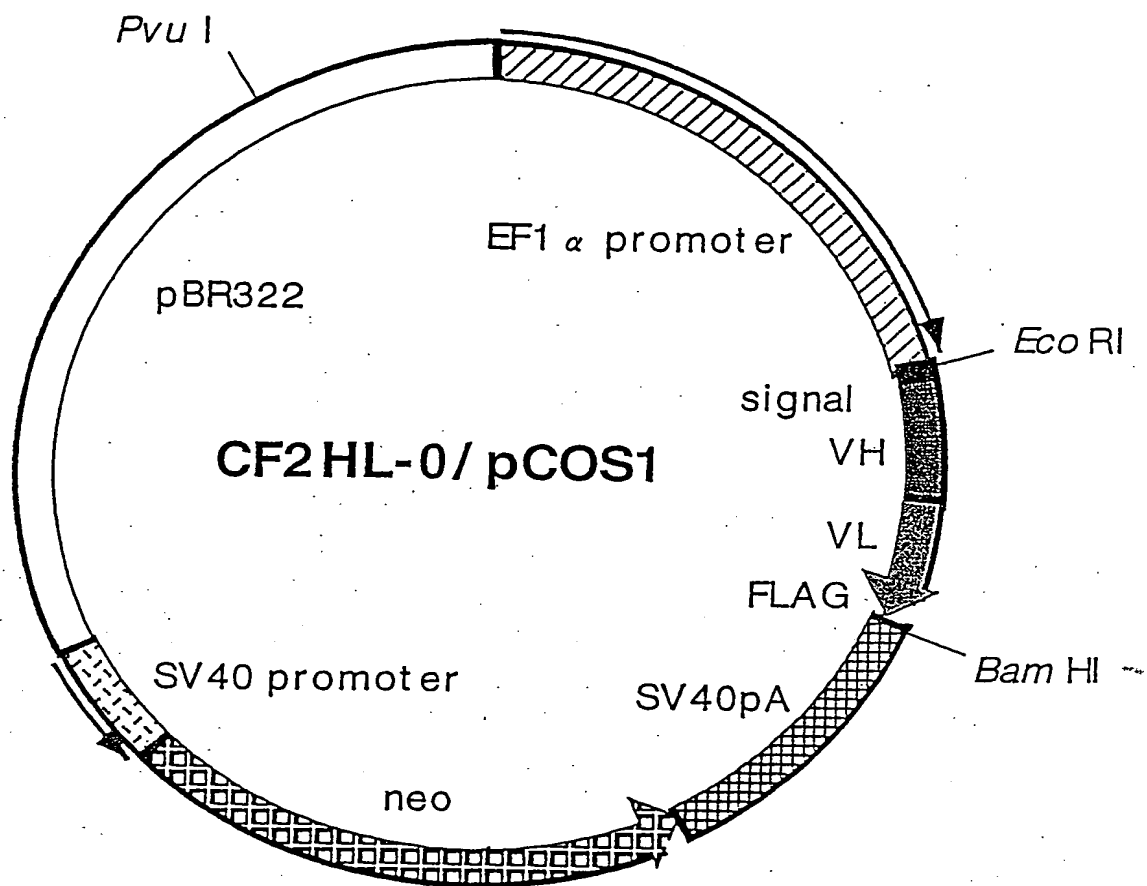


Fig. 36

Base Sequence and Amino Acid Sequence of Linker for HL Type

Heavy chain		Light chain	
...	gtc tcg agt	gac gtc gtg ...	FLAG
	V S S	D V V	
Plasmid	Number of linker amino acid	linker	
CF2HL-0/pCOS1	0	gtc tcg agt V S S	gac gtc gtg D V V
CF2HL-3/pCOS1	3	gtc tcg agt ggt ggt tcc V S S G G S	gac gtc gtg D V V
CF2HL-4/pCOS1	4	gtc tcg agt ggt ggt ggt tcc V S S G G G S	gac gtc gtg D V V
CF2HL-5/pCOS1	5	gtc tcg agt ggt ggt ggt ggt tcc V S S G G G G S	gac gtc gtg D V V
CF2HL-6/pCOS1	6	gtc tcg agt gt ggt ggt ggt ggt tcc V S S G G G G G S	gac gtc gtg D V V
CF2HL-7/pCOS1	7	gtc tcg agt ggt ggt ggt ggt ggt ggt tcc V S S G G G G G G S	gac gtc gtg D V V

Fig. 37

28/43

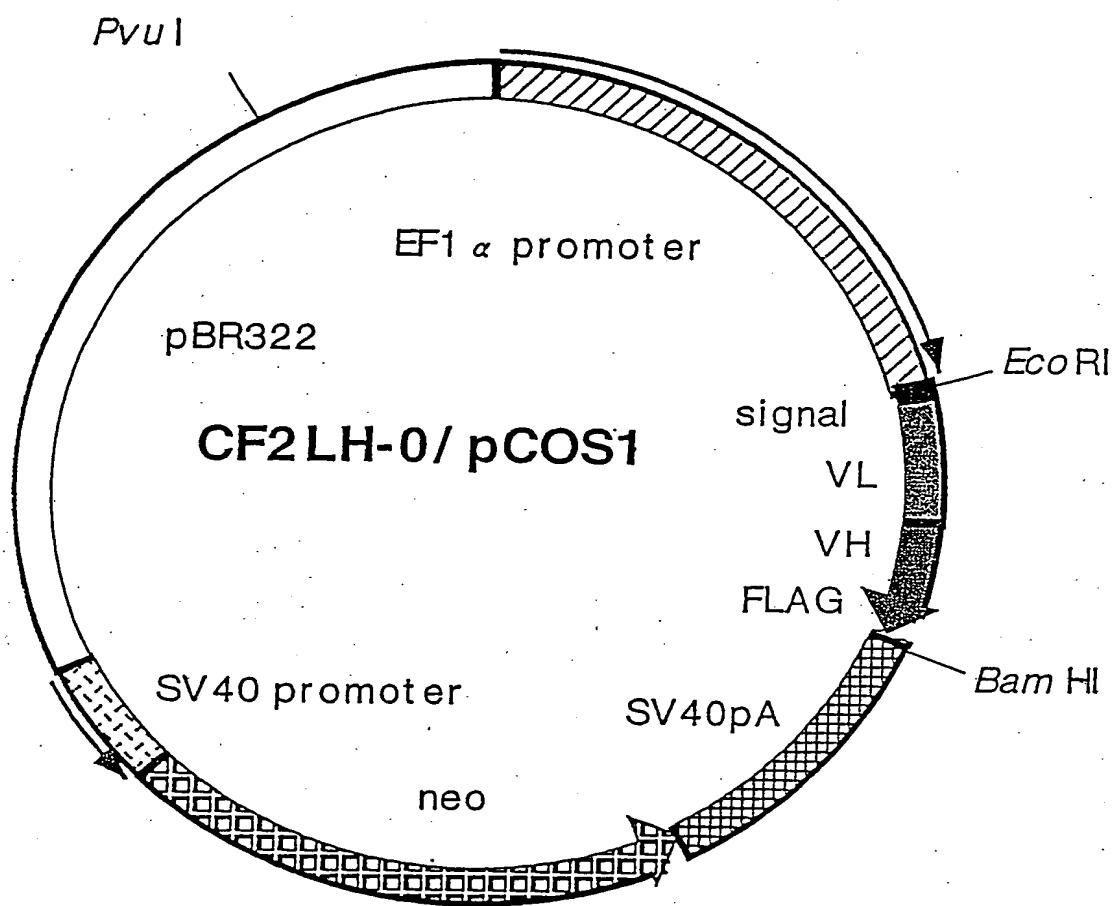


Fig. 38

Base Sequence and Amino Acid Sequence of Linker for LH Type

Light chain		Heavy chain	
...	gag ata aaa	cag gtc caa ...	FLAG
E	I K	Q	V Q
Plasmid	Number of linker amino acid	linker	
CF2LH-0/pCOS1	0	gag ata aaa	cag gtc caa
		E I K	Q V Q
CF2LH-3/pCOS1	3	gag ata aaa tcc gga ggc	cag gtc caa
		E I K S G G	Q V Q
CF2LH-4/pCOS1	4	gag ata aaa tcc gga ggt ggc	cag gtc caa
		E I K S G G G	Q V Q
CF2LH-5/pCOS1	5	gag ata aaa tcc gga ggt ggt ggc	cag gtc caa
		E I K S G G G G	Q V Q
CF2LH-6/pCOS1	6	gag ata aaa tcc gga ggt ggt ggt ggc	cag gtc caa
		E I K S G G G G G	Q V Q
CF2LH-7/pCOS1	7	gag ata aaa tcc gga ggt ggt ggt ggt ggc	cag gtc caa
		E I K S G G G G G G	Q V Q

Fig. 39

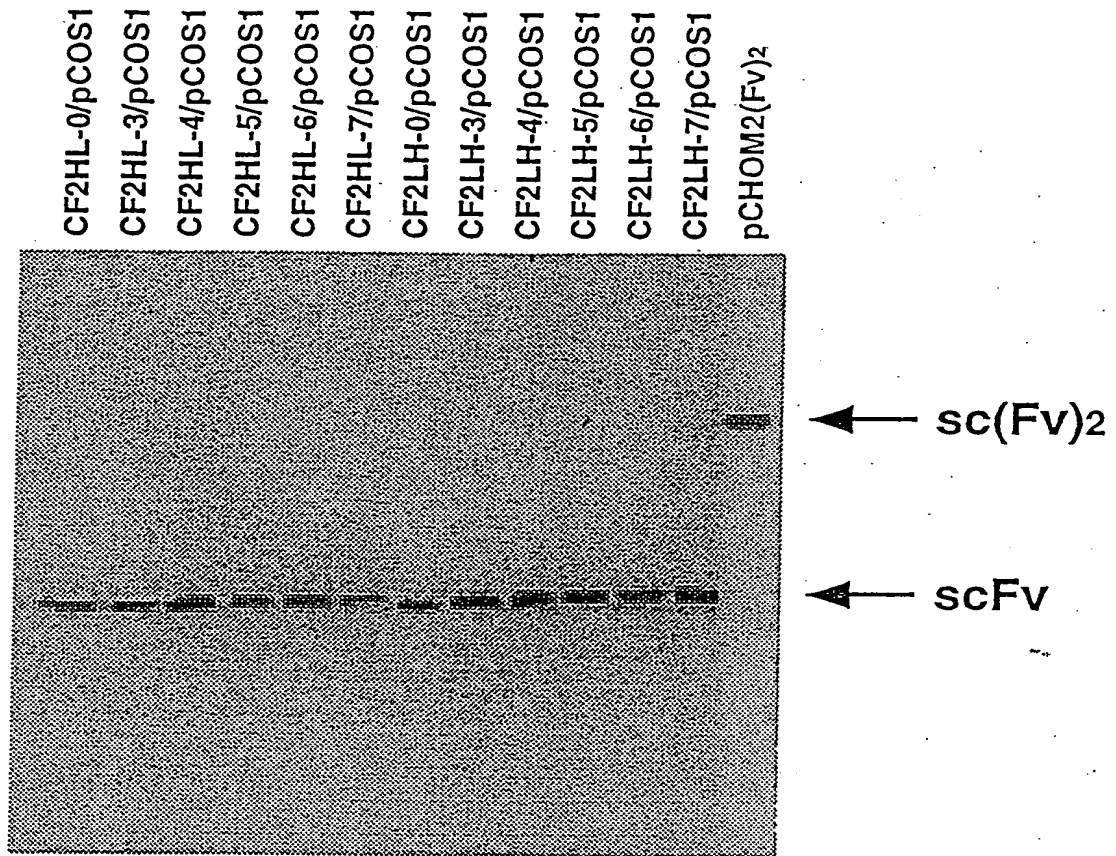


Fig. 40a

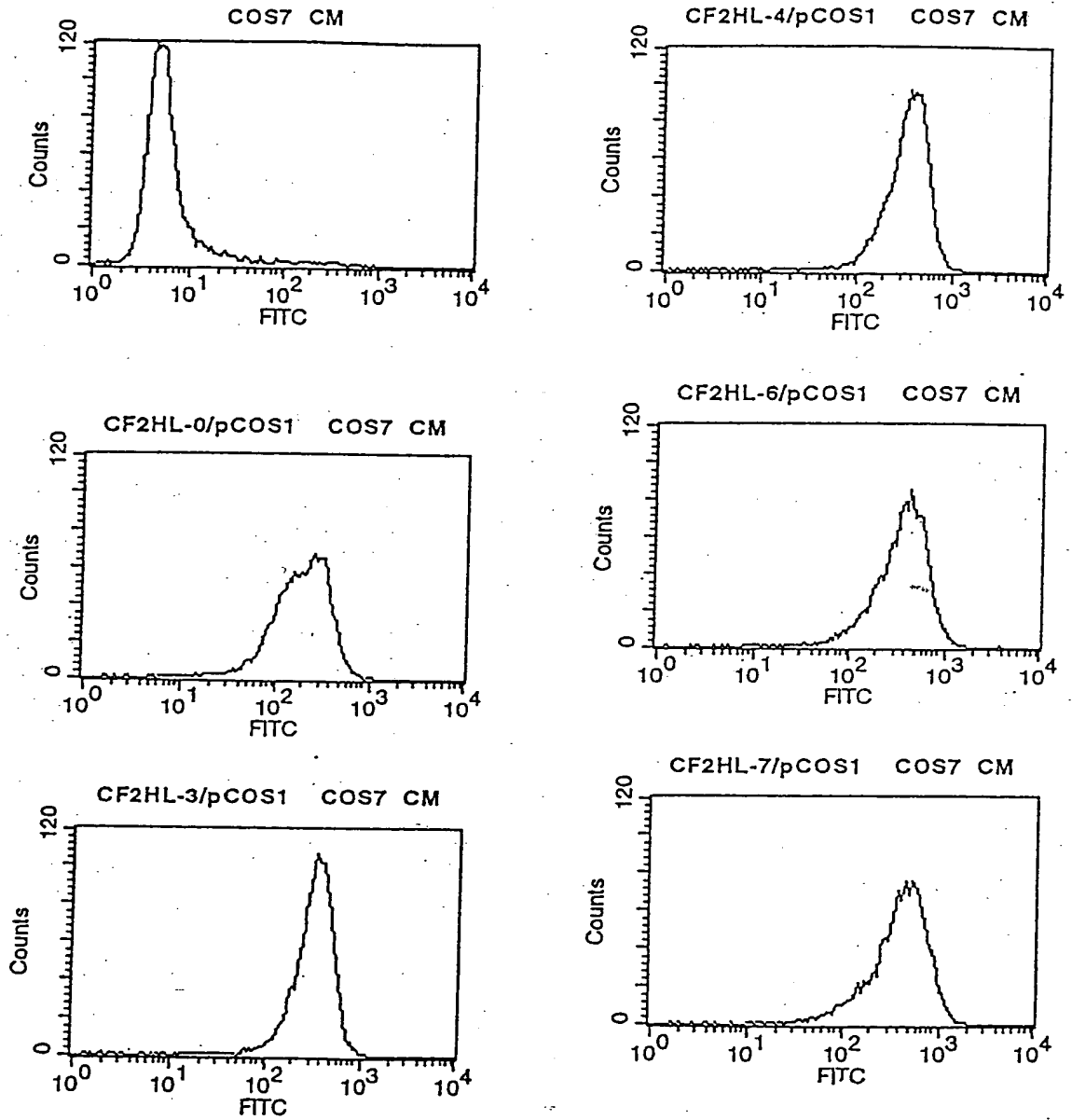


Fig. 40b

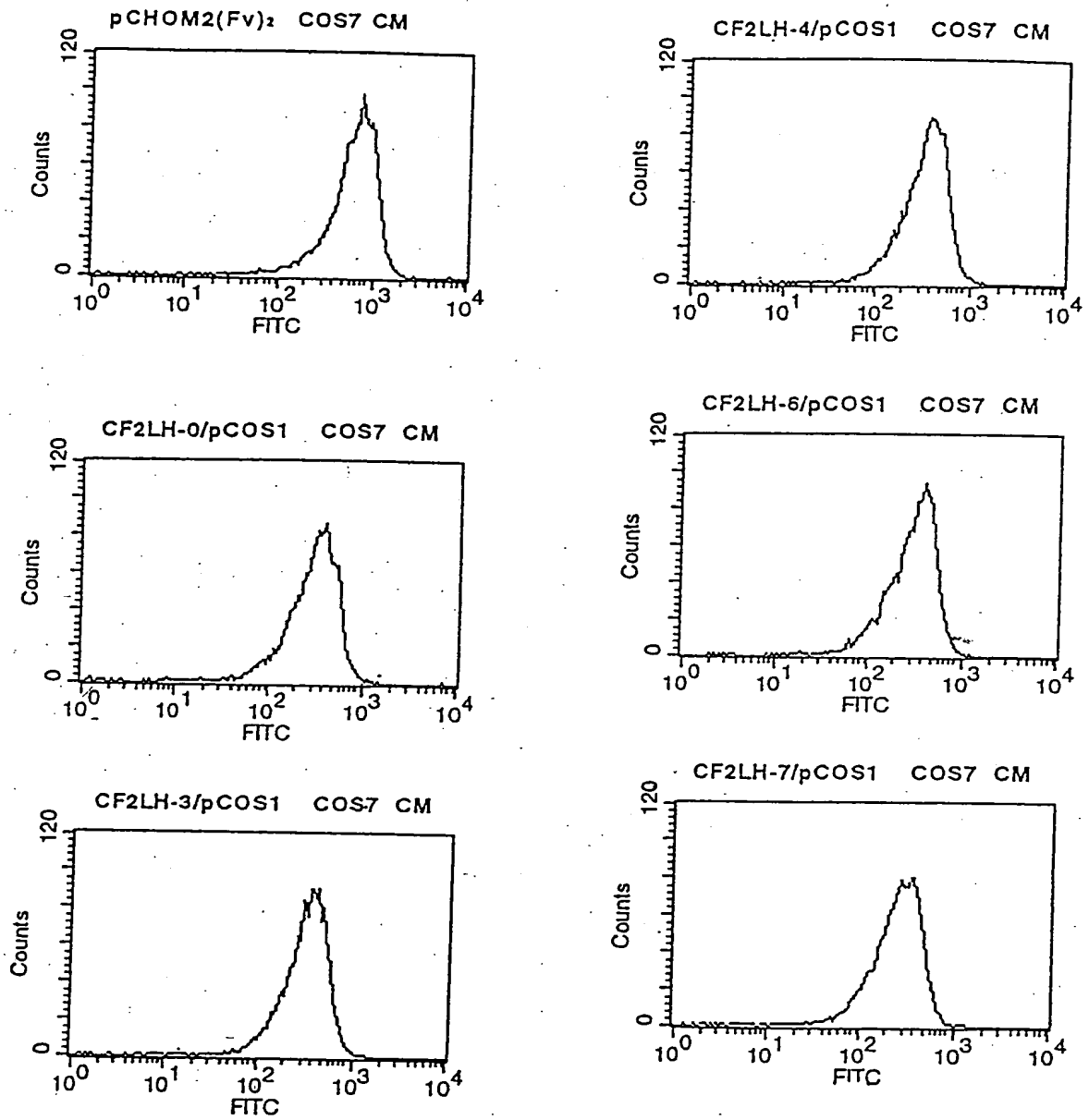


Fig. 41

33/43

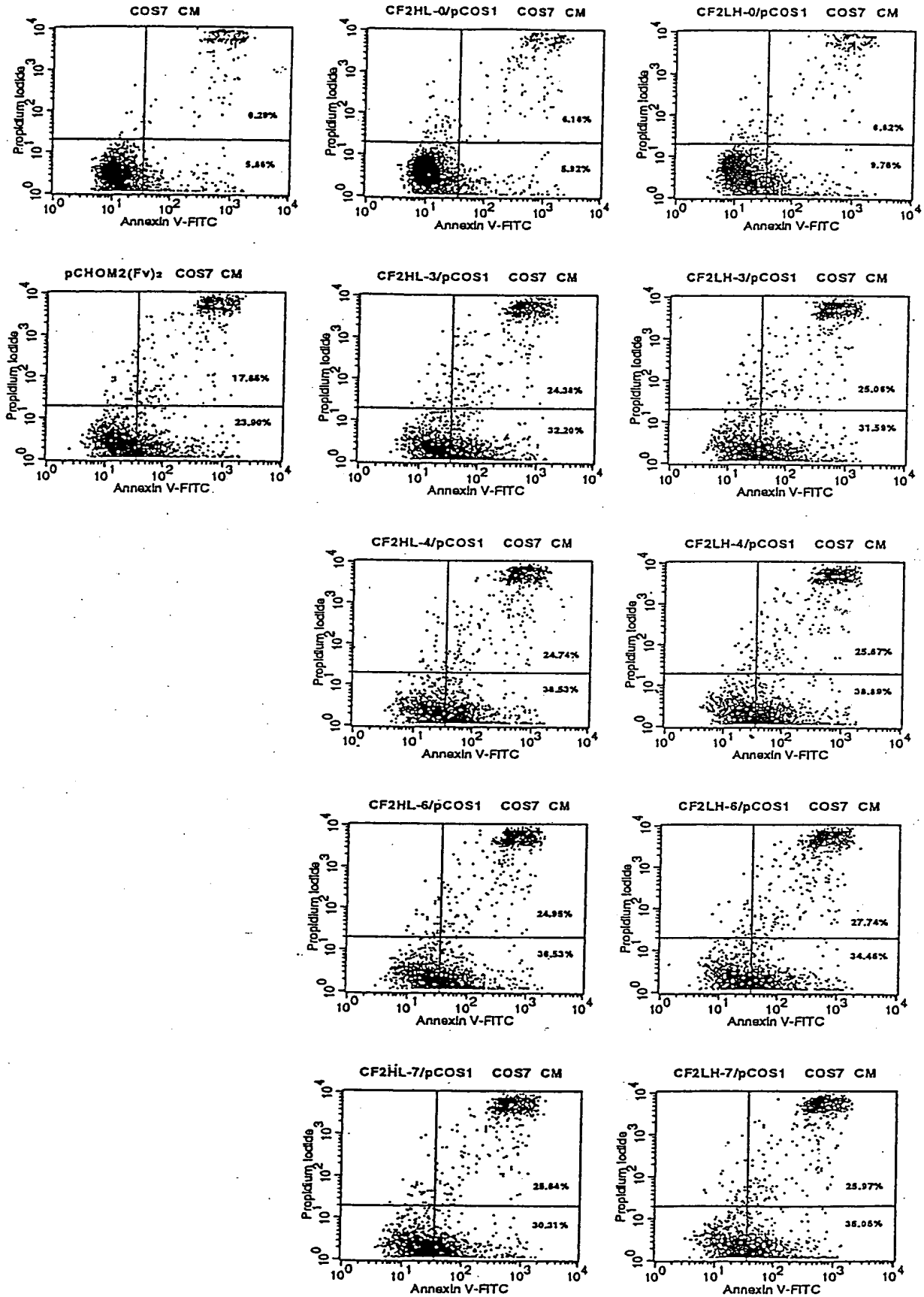


Fig. 42

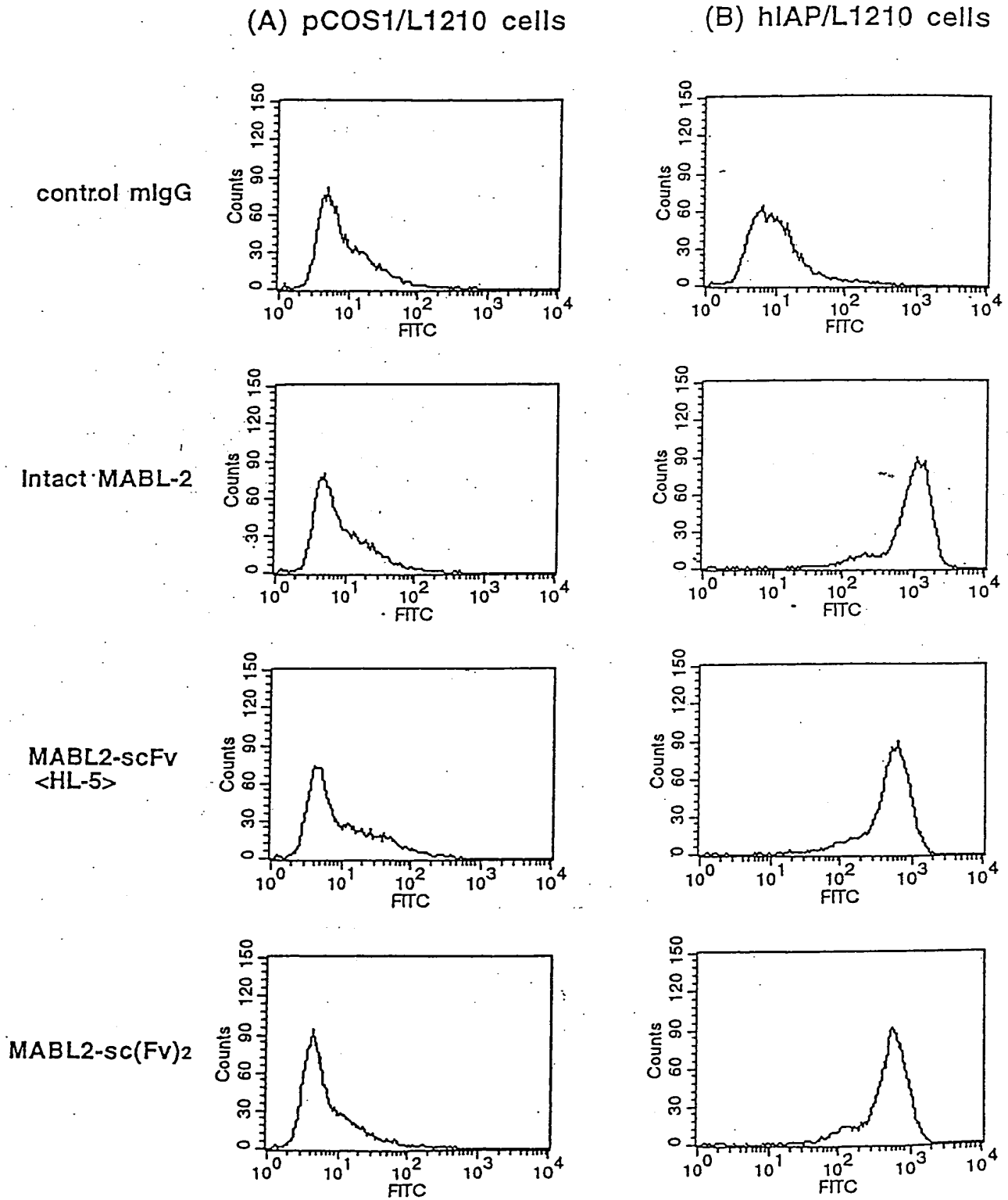


Fig. 43

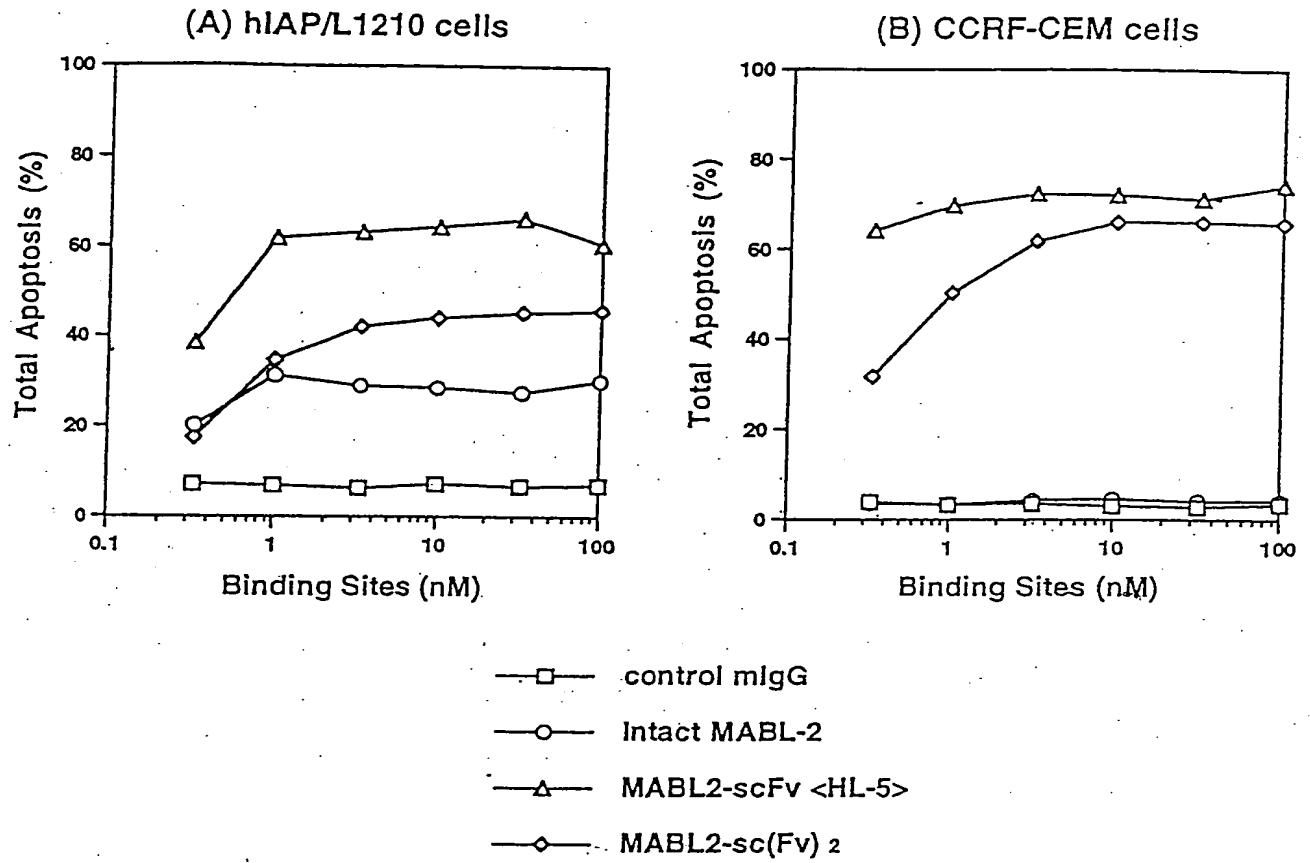


Fig. 44

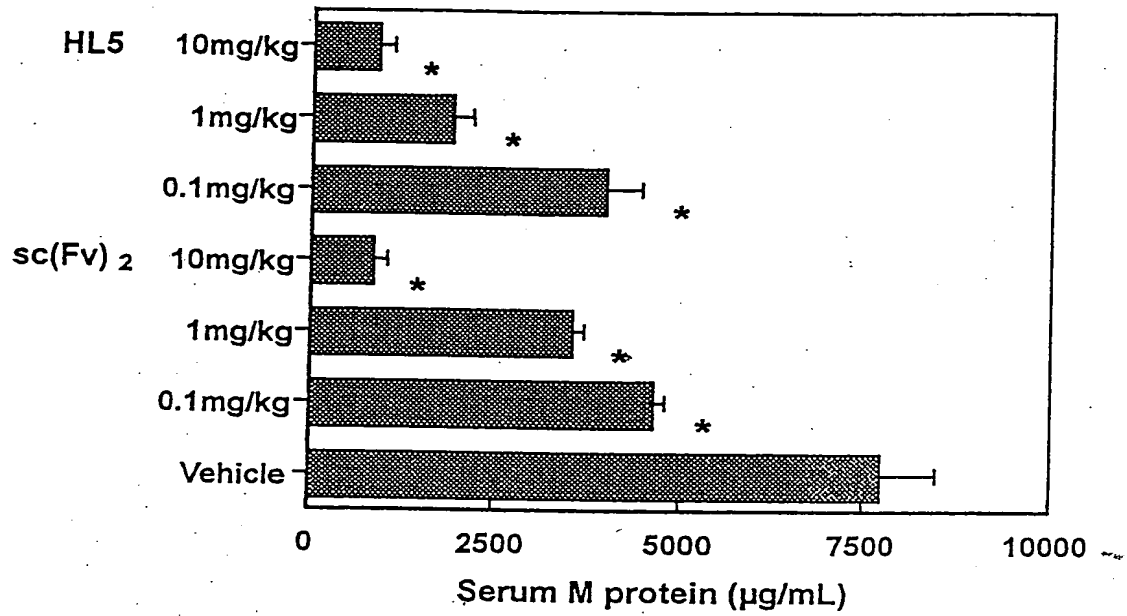


Fig. 45

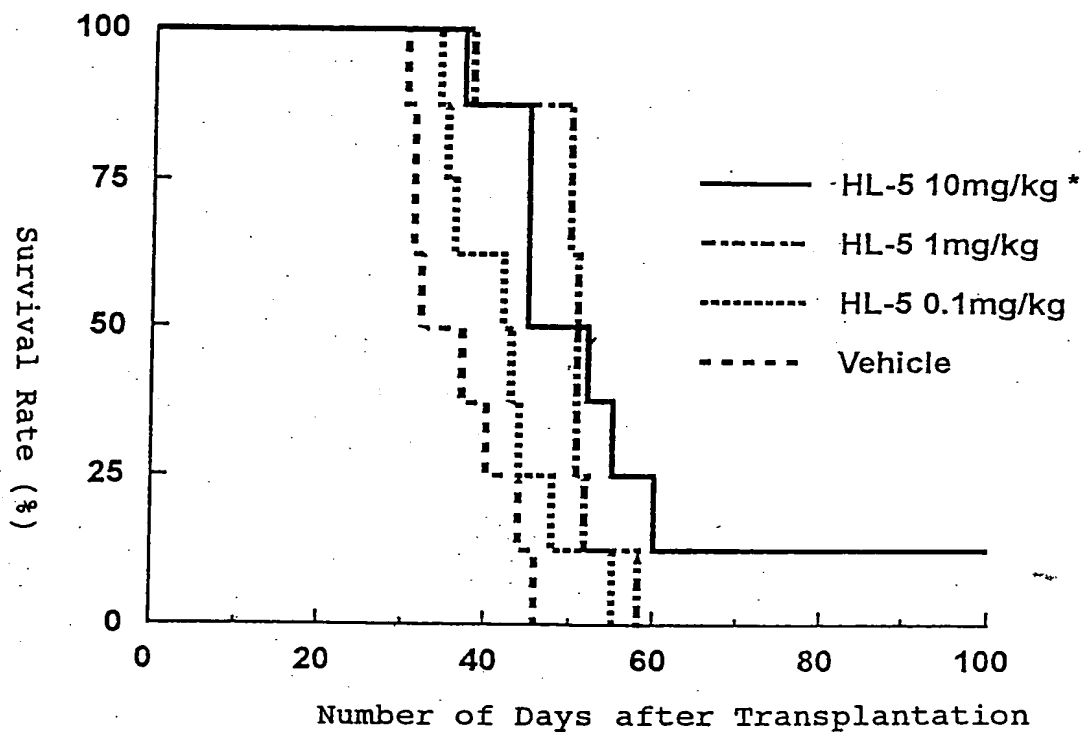


Fig. 46

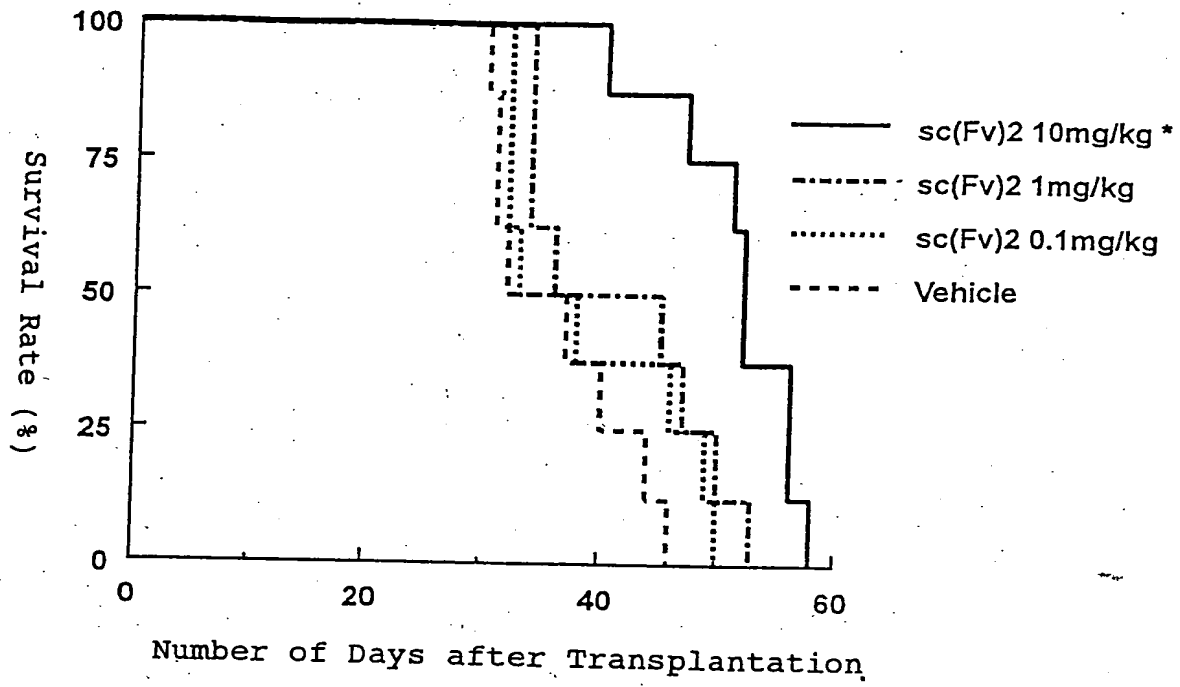


Fig. 47

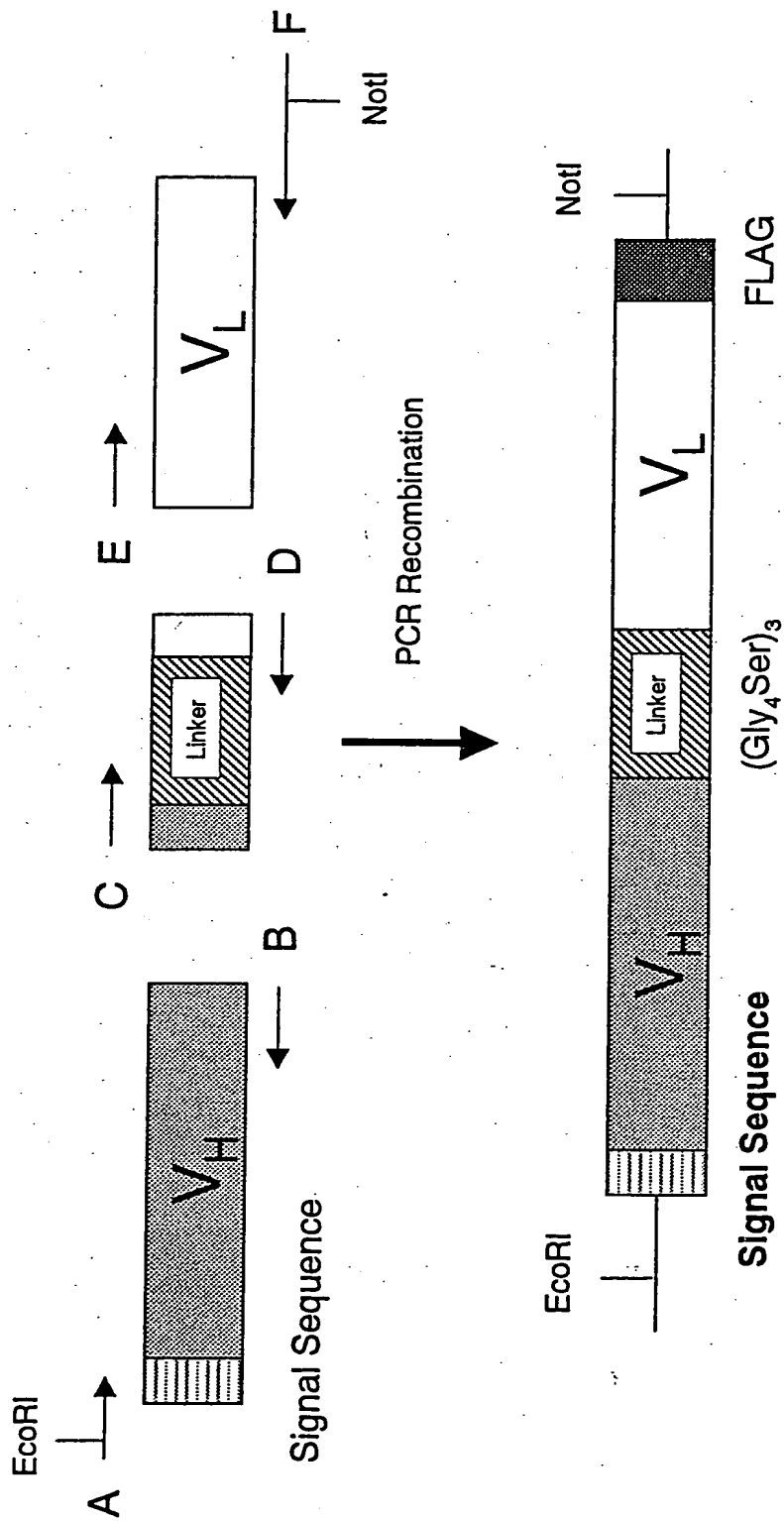


Fig. 48

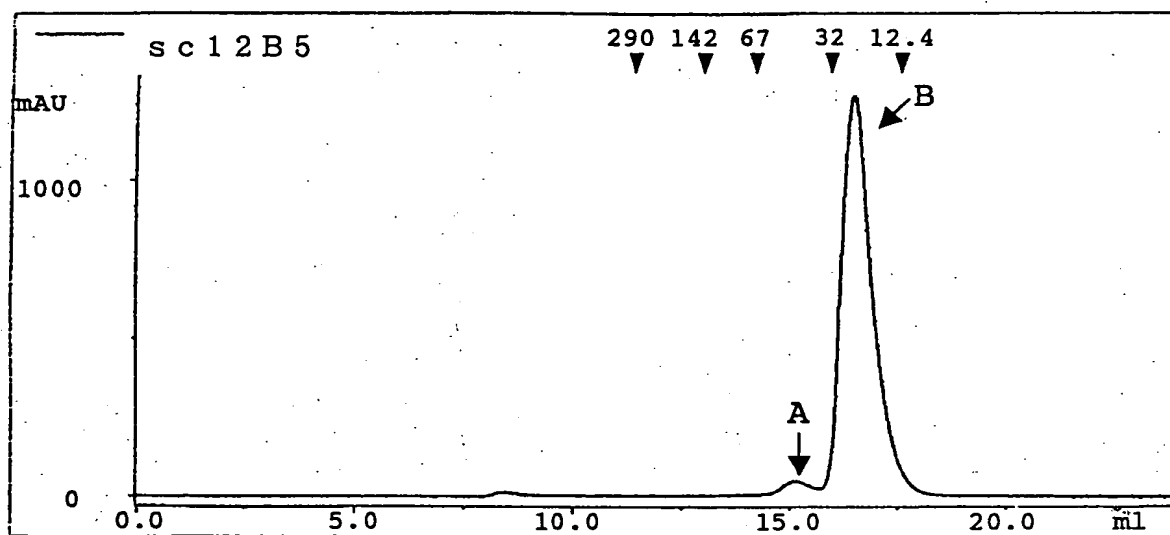
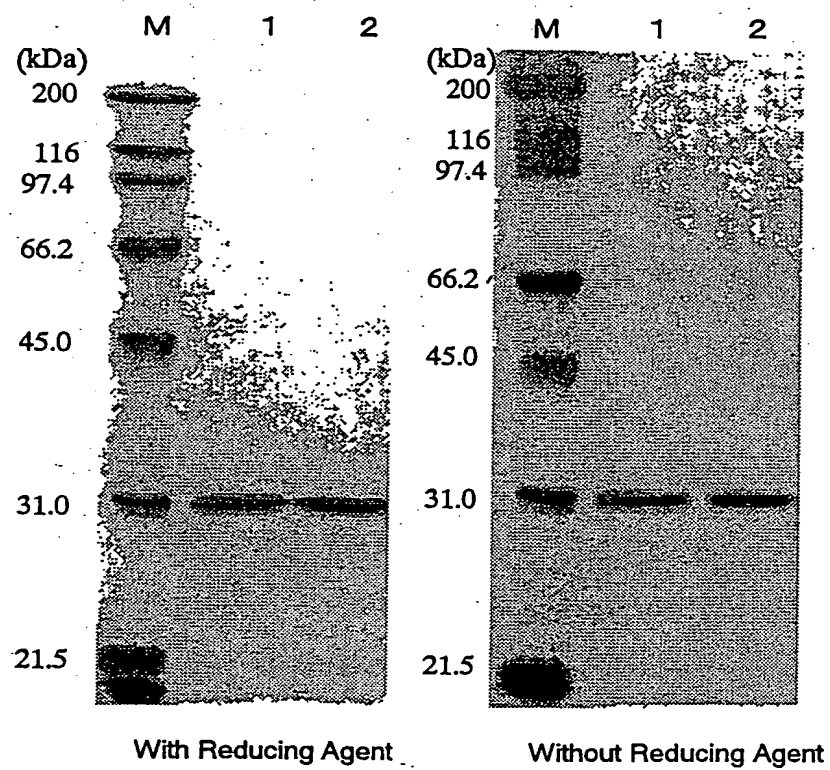


Fig. 49



M:MW marker

1:sc12B5 fractionA

2:sc12B5 fractionB

Fig. 50

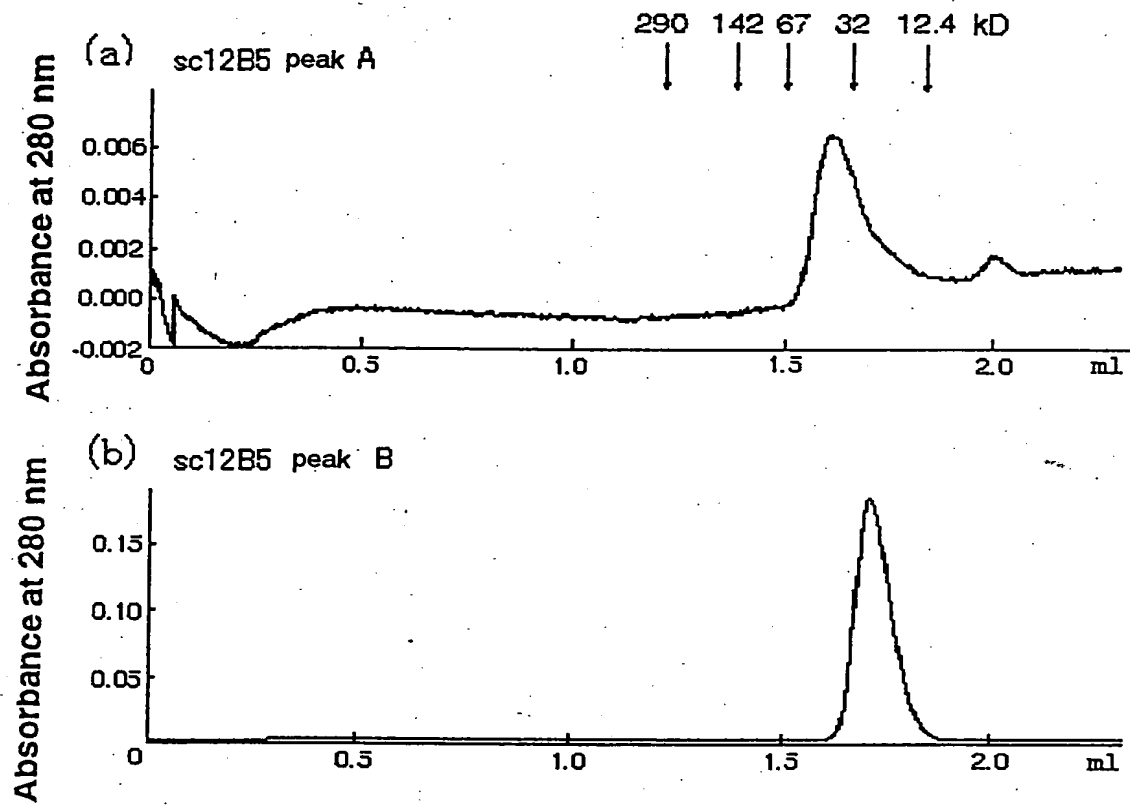


Fig. 51

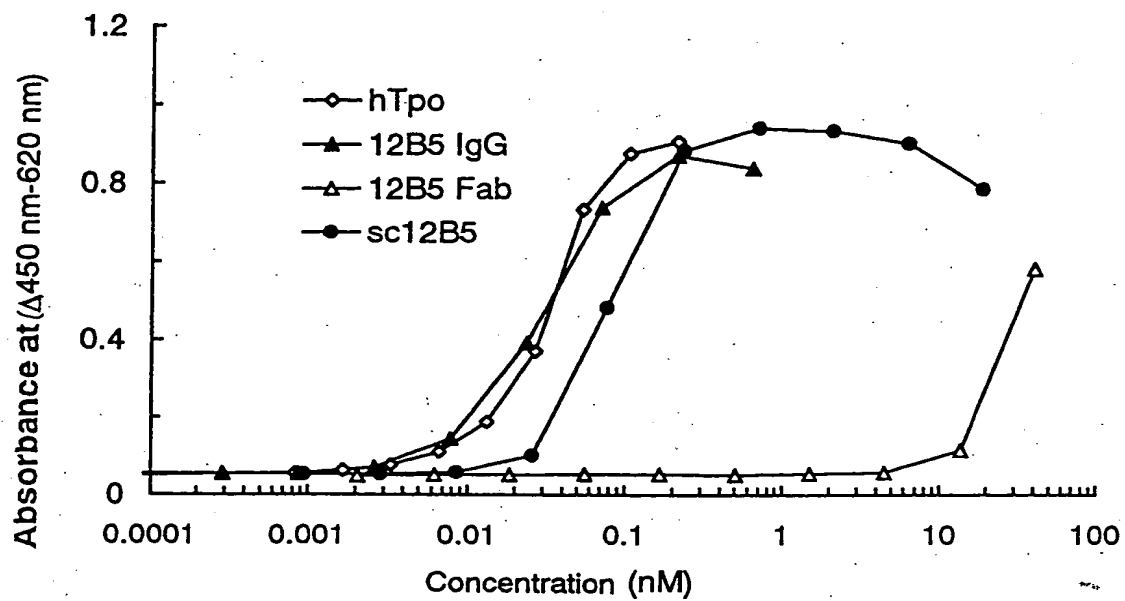


Fig. 52

